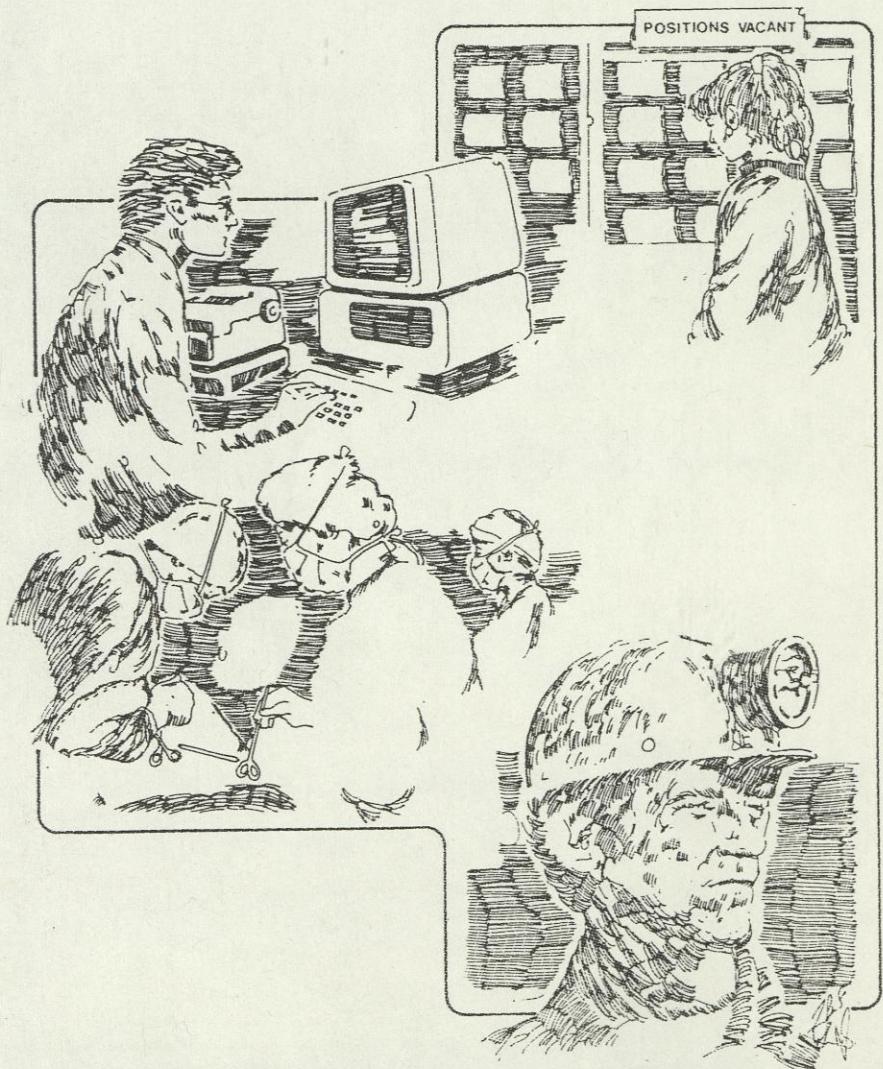


NOVEMBER 1992

THE LABOUR FORCE QUEENSLAND



Catalogue No. 6201.3

THE LABOUR FORCE, QUEENSLAND, NOVEMBER 1992

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INQUIRIES

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SUMMARY OF FINDINGS

Seasonally adjusted

Seasonally adjusted employment in Queensland decreased slightly from August 1992 to November 1992 and over the same period the number of persons in the labour force rose by 18,300. For Australia, seasonally adjusted employment decreased by 95,500 and the labour force by 63,100 over the 3 months to November 1992.

The unemployment rate in Queensland increased from the August 1992 figure of 10.1 per cent to 11.3 per cent in November 1992. In November 1992, the unemployment rate for Australia was 11.4 per cent.

TABLE 1 — LABOUR FORCE, QUEENSLAND
(Seasonally adjusted series)

Particulars	Unit	November 1991	August 1992	September 1992	October 1992	November 1992	Annual percentage change
Employed	'000	1,317.4	1,352.3	1,356.1	1,360.9	1,349.8	+ 2.5
Unemployed	'000	145.9	151.7	160.7	158.5	172.4	+18.2
Unemployment rate	%	10.0	10.1	10.6	10.4	11.3	..
Participation rate	%	63.1	63.6	64.0	64.0	64.0	..
Labour force	'000	1,463.3	1,503.9	1,516.8	1,519.4	1,522.2	+ 4.0

Trend series

The number of employed Queenslanders increased by 11,200 from August 1992 to November 1992 and the unemployment rate has increased to 10.8 per cent in November 1992, compared with 10.0 per cent in November 1991. The number of employed Australians decreased while the unemployment rate increased from 11.0 per cent in August 1992 to 11.2 per cent in November 1992.

DIAGRAM 1 - EMPLOYED PERSONS: MONTHLY PERCENTAGE CHANGE
(Trend series)

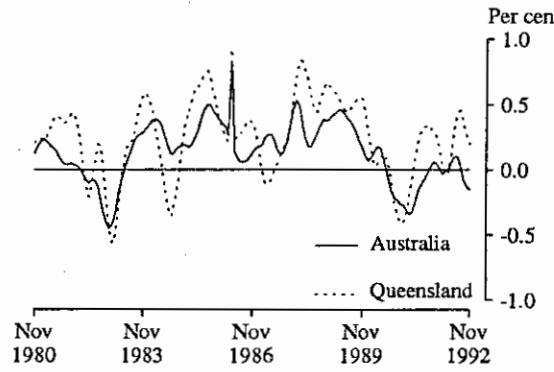
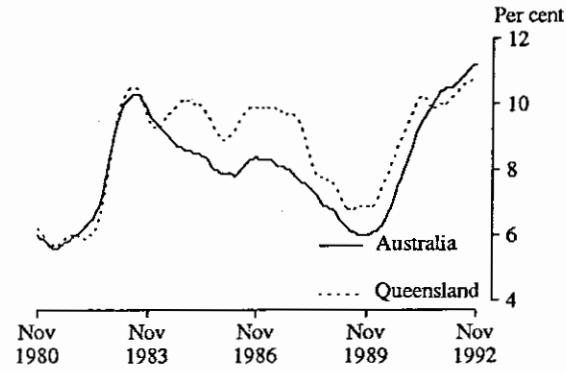


DIAGRAM 2 - UNEMPLOYMENT RATE
(Trend series)



Regional estimates

The unemployment rate for the Brisbane Major Statistical Region (MSR) in November 1992 was 9.4 per cent and for the Balance of Queensland 10.6 per cent. The South and East BSD Balance and North and West BSD Balance had the highest unemployment rates in the MSR at 12.4 and 11.5 per cent while the Brisbane City Outer Ring had the lowest rate of 6.4 per cent.

For the Balance of Queensland the region with the highest unemployment rate was South and East Moreton with 12.6 per cent. Wide Bay-Burnett recorded a rate of 12.1 per cent followed by North and West Moreton with 11.8 per cent. Mackay, Fitzroy and Central-West had the lowest unemployment rate of 7.6 per cent.

The labour force participation rate showed a wide variance between regions with the Northern and North-West region having the highest rate of 66.9 per cent contrasting with Wide Bay-Burnett with the lowest rate of 59.6 per cent.

Youth estimates

The number of 15 to 19 year olds in the Queensland labour force fell slightly to 141,700 persons over the year to November 1992 and the numbers employed decreased by 4,300 (3.7 per cent) to 112,200. The unemployment rate for this group

SUMMARY OF FINDINGS — *continued*

increased from 19.5 per cent in November 1991 to 20.8 per cent in November 1992. The numbers in this age group working full-time decreased by 5,200 while those working part-time increased over the same period.

There were 177,300 employed 20 to 24 year olds in November 1992, an increase of 2.0 per cent over the 12 month period. The participation rate of this age group rose from 80.4 per cent in November 1991 to 81.2 per cent in November 1992 and the unemployment rate increased from 12.5 per cent to 14.8 per cent over the same period.

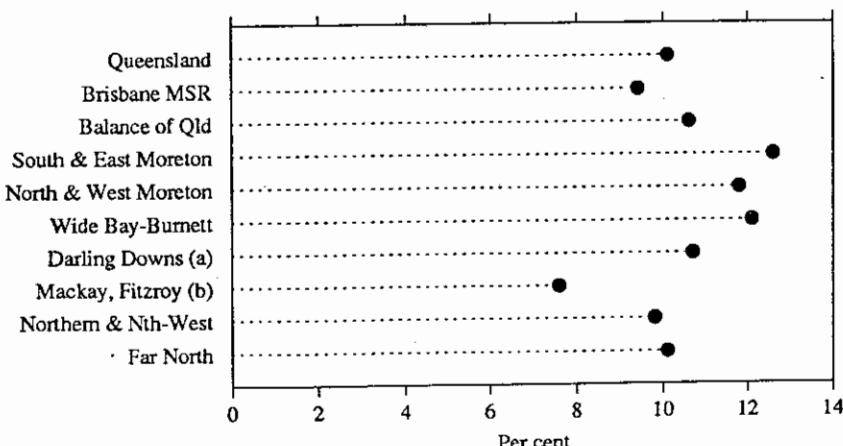
TABLE 2 — EMPLOYMENT AND UNEMPLOYMENT CHANGE FOR SELECTED GROUPS, QUEENSLAND

Particulars	Employed ('000)		Annual percentage change	Unemployed ('000)		Annual percentage change
	November 1991	November 1992		November 1991	November 1992	
Males	776.0	781.7	+ 0.7	77.3	93.3	+ 20.7
Females	547.9	574.7	+ 4.9	51.5	58.8	+ 14.2
Persons aged (years)						
15 - 19	116.5	112.2	- 3.7	28.3	29.5	+ 4.2
20 - 24	173.9	177.3	+ 2.0	24.9	30.7	+ 23.3
25 - 44	682.1	694.8	+ 1.9	54.1	65.3	+ 20.7
45 and over	351.4	372.2	+ 5.9	21.5	26.5	+ 23.3
Full-time workers	1,007.7	1,024.3	+ 1.6	..	..	..
Part-time workers	316.2	332.1	+ 5.0	..	..	..
Looking for full-time work	..	..	..	109.3	126.4	+ 15.6
Looking for part-time work	..	..	..	19.4	25.7	+ 32.5
Selected industries						
Manufacturing	152.7	168.6	+ 10.4	14.8	17.2	+ 16.2
Construction	111.5	113.4	+ 1.7	10.7	11.1	+ 3.7
Wholesale and retail trade	294.0	301.1	+ 2.4	18.8	16.8	- 10.6
Community services	248.7	257.7	+ 3.6	7.4	6.3	- 14.9
Recreation, personal and other services	116.4	116.8	+ 0.3	7.1	8.9	+ 25.4
Queensland	1,323.9	1,356.5	+ 2.5	128.8	152.0	+ 18.0

The total number of employed persons in Queensland increased by 2.5 per cent to 1,356,500 in the 12 months to November 1992 and the number of unemployed persons was 152,000, an increase of 18.0 per cent for the 12 month period.

Over the year to November 1992 the manufacturing industry showed an increase in the numbers employed, rising 15,900 (10.4 per cent). However, there was a slight increase in the numbers unemployed within this industry. The numbers employed in community services and wholesale and retail trade industries increased by 3.6 and 2.4 per cent, respectively, over the 12 months to November 1992. Both the community services and wholesale and retail trade industries showed falls of 14.9 per cent and 10.6 per cent, respectively, in the number of persons unemployed.

Part-time employment increased by 15,900 (5.0 per cent) between November 1991 and November 1992 while the numbers in full-time employment rose 16,600 to 1,024,300.

DIAGRAM 3 - UNEMPLOYMENT RATE: REGIONS OF QUEENSLAND
NOVEMBER 1992

(a) Including South-West. (b) Including Central-West.

TABLE 3—LABOUR FORCE STATUS: ORIGINAL SERIES, QUEENSLAND

Month	Employed		Unemployed		Labour force	Not in labour force	Civilian population aged 15 years and over		Unemployment rate	Participation rate
	Full-time	Total	Looking for full-time work	Total			'000	'000		
	'000	'000	'000	'000			'000	'000	%	%
MALES										
1991—										
September	705.4	785.4	72.3	80.2	865.6	278.5	1,144.0	9.3	75.7	
October	705.0	781.4	70.3	78.0	859.5	286.7	1,146.1	9.1	75.0	
November	696.6	776.0	72.2	77.3	853.3	294.9	1,148.2	9.1	74.3	
December	711.4	786.8	83.4	93.9	880.6	269.7	1,150.3	10.7	76.6	
1992—										
January	694.1	765.2	93.4	101.8	867.0	285.9	1,152.9	11.7	75.2	
February	692.3	771.2	85.2	97.0	868.3	287.2	1,155.4	11.2	75.1	
March	689.8	771.6	86.6	95.5	867.1	291.0	1,158.0	11.0	74.9	
April	692.3	771.5	85.5	92.4	863.9	296.8	1,160.7	10.7	74.4	
May	680.9	767.9	90.7	99.2	867.1	296.2	1,163.4	11.4	74.5	
June	684.5	770.4	91.9	99.4	869.7	296.3	1,166.0	11.4	74.6	
July	696.2	781.2	92.5	99.8	881.0	287.4	1,168.4	11.3	75.4	
August	693.9	777.4	80.8	88.3	865.7	304.9	1,170.7	10.2	74.0	
September	703.6	788.9	80.1	90.5	879.3	293.6	1,173.0	10.3	75.0	
October	704.6	787.5	76.2	86.2	873.7	301.8	1,175.5	9.9	74.3	
November	704.4	781.7	84.9	93.3	875.0	303.0	1,178.0	10.7	74.3	
FEMALES										
1991—										
September	314.9	548.2	39.1	57.3	605.5	559.4	1,164.9	9.5	52.0	
October	313.8	543.4	37.7	50.3	593.7	573.5	1,167.2	8.5	50.9	
November	311.1	547.9	37.1	51.5	599.3	570.1	1,169.4	8.6	51.2	
December	327.2	559.9	41.3	57.2	617.1	554.6	1,171.6	9.3	52.7	
1992—										
January	327.9	539.9	45.5	60.0	599.9	574.4	1,174.3	10.0	51.1	
February	317.7	553.5	51.4	73.6	627.1	550.0	1,177.0	11.7	53.3	
March	311.5	555.3	44.7	66.2	621.4	558.3	1,179.7	10.6	52.7	
April	316.0	560.2	45.3	62.5	622.7	559.6	1,182.4	10.0	52.7	
May	323.8	562.0	43.2	58.1	620.0	565.0	1,185.0	9.4	52.3	
June	320.1	563.4	43.3	61.3	624.7	563.0	1,187.7	9.8	52.6	
July	320.5	563.8	46.4	62.0	625.9	564.5	1,190.3	9.9	52.6	
August	319.2	567.4	39.4	55.7	623.1	569.9	1,193.0	8.9	52.2	
September	321.6	581.4	39.9	62.7	644.1	551.6	1,195.6	9.7	53.9	
October	323.6	577.2	37.8	56.3	633.5	564.8	1,198.3	8.9	52.9	
November	320.0	574.7	41.5	58.8	633.5	567.5	1,201.0	9.3	52.7	
PERSONS										
1991—										
September	1,020.3	1,333.6	111.4	137.5	1,471.1	837.9	2,309.0	9.3	63.7	
October	1,018.9	1,324.8	108.0	128.3	1,453.1	860.2	2,313.3	8.8	62.8	
November	1,007.7	1,323.9	109.3	128.8	1,452.6	865.0	2,317.6	8.9	62.7	
December	1,038.6	1,346.7	124.7	151.0	1,497.7	824.3	2,322.0	10.1	64.5	
1992—										
January	1,022.1	1,305.1	138.8	161.9	1,466.9	860.3	2,327.2	11.0	63.0	
February	1,009.9	1,324.7	136.6	170.6	1,495.3	837.1	2,332.5	11.4	64.1	
March	1,001.3	1,326.8	131.3	161.7	1,488.5	849.3	2,337.7	10.9	63.7	
April	1,008.3	1,331.8	130.8	154.9	1,486.7	856.4	2,343.1	10.4	63.5	
May	1,004.7	1,329.9	133.9	157.3	1,487.1	861.2	2,348.4	10.6	63.3	
June	1,004.6	1,333.8	135.2	160.7	1,494.5	859.3	2,353.7	10.8	63.5	
July	1,016.7	1,345.0	138.8	161.8	1,506.8	851.8	2,358.7	10.7	63.9	
August	1,013.1	1,344.8	120.2	144.0	1,488.8	874.9	2,363.6	9.7	63.0	
September	1,025.1	1,370.3	120.0	153.1	1,523.4	845.2	2,368.6	10.1	64.3	
October	1,028.2	1,364.7	114.0	142.5	1,507.2	866.6	2,373.8	9.5	63.5	
November	1,024.3	1,356.5	126.4	152.0	1,508.5	870.6	2,379.1	10.1	63.4	

TABLE 4—LABOUR FORCE STATUS: SEASONALLY ADJUSTED SERIES, QUEENSLAND

Month	Employed	Unemployed	Labour force	Unemployment rate	Participation rate
	'000	'000	'000	%	%
MALES					
<i>1991—</i>					
September	778.8	86.4	865.1	10.0	75.6
October	777.9	86.4	864.3	10.0	75.4
November	775.4	87.7	863.1	10.2	75.2
December	776.1	92.4	868.6	10.6	75.5
<i>1992—</i>					
January	772.1	90.6	862.7	10.5	74.8
February	776.1	90.7	866.7	10.5	75.0
March	772.3	89.1	861.5	10.3	74.4
April	774.9	86.3	861.2	10.0	74.2
May	766.5	95.6	862.0	11.1	74.1
June	771.2	101.4	872.6	11.6	74.8
July	782.1	104.2	886.3	11.8	75.9
August	782.9	92.0	874.9	10.5	74.7
September	782.1	97.5	879.6	11.1	75.0
October	783.8	95.6	879.4	10.9	74.8
November	781.1	105.9	887.0	11.9	75.3
FEMALES					
<i>1991—</i>					
September	541.3	57.8	599.0	9.6	51.4
October	543.2	56.1	599.4	9.4	51.4
November	542.0	58.1	600.2	9.7	51.3
December	554.8	54.9	609.7	9.0	52.0
<i>1992—</i>					
January	559.7	59.9	619.6	9.7	52.8
February	562.0	65.0	627.0	10.4	53.3
March	556.2	58.8	615.0	9.6	52.1
April	558.7	57.5	616.2	9.3	52.1
May	556.2	57.8	613.9	9.4	51.8
June	557.7	64.4	622.1	10.4	52.4
July	564.3	65.3	629.6	10.4	52.9
August	569.4	59.7	629.0	9.5	52.7
September	574.1	63.1	637.2	9.9	53.3
October	577.2	62.9	640.0	9.8	53.4
November	568.7	66.4	635.2	10.5	52.9
PERSONS					
<i>1991—</i>					
September	1,320.0	144.2	1,464.2	9.8	63.4
October	1,321.1	142.6	1,463.7	9.7	63.3
November	1,317.4	145.9	1,463.3	10.0	63.1
December	1,330.9	147.4	1,478.3	10.0	63.7
<i>1992—</i>					
January	1,331.9	150.5	1,482.4	10.2	63.7
February	1,338.1	155.6	1,493.7	10.4	64.0
March	1,328.5	147.9	1,476.4	10.0	63.2
April	1,333.6	143.8	1,477.3	9.7	63.1
May	1,322.7	153.3	1,476.0	10.4	62.9
June	1,328.9	165.8	1,494.7	11.1	63.5
July	1,346.4	169.5	1,515.9	11.2	64.3
August	1,352.3	151.7	1,503.9	10.1	63.6
September	1,356.1	160.7	1,516.8	10.6	64.0
October	1,360.9	158.5	1,519.4	10.4	64.0
November	1,349.8	172.4	1,522.2	11.3	64.0

TABLE 5—LABOUR FORCE STATUS: TREND SERIES, QUEENSLAND

Month	Employed	Unemployed	Labour force	Unemployment rate	Participation rate
	'000	'000	'000	%	%
MALES					
1991—					
September	775.1	86.1	861.2	10.0	75.3
October	776.4	87.5	863.9	10.1	75.4
November	776.6	88.8	865.4	10.3	75.4
December	776.0	89.4	865.4	10.3	75.2
1992—					
January	774.9	89.5	864.3	10.4	75.0
February	773.3	89.9	863.2	10.4	74.7
March	772.2	90.9	863.1	10.5	74.5
April	772.0	92.7	864.7	10.7	74.5
May	773.0	94.6	867.6	10.9	74.6
June	775.0	96.4	871.4	11.1	74.7
July	777.5	97.7	875.2	11.2	74.9
August	780.1	98.4	878.4	11.2	75.0
September	782.0	98.8	880.9	11.2	75.1
October	783.3	99.5	882.8	11.3	75.1
November	784.4	99.8	884.2	11.3	75.1
FEMALES					
1991—					
September	541.6	58.0	599.6	9.7	51.5
October	544.6	57.5	602.1	9.5	51.6
November	548.4	57.7	606.1	9.5	51.8
December	552.3	58.2	610.6	9.5	52.1
1992—					
January	555.7	58.8	614.6	9.6	52.3
February	557.8	59.5	617.2	9.6	52.4
March	558.4	59.9	618.4	9.7	52.4
April	558.4	60.4	618.7	9.8	52.3
May	559.0	60.8	619.7	9.8	52.3
June	561.0	61.3	622.3	9.8	52.4
July	564.4	62.0	626.3	9.9	52.6
August	568.0	62.8	630.7	10.0	52.9
September	571.0	63.4	634.4	10.0	53.1
October	573.2	64.0	637.2	10.0	53.2
November	574.8	64.5	639.3	10.1	53.2
PERSONS					
1991—					
September	1,316.7	144.1	1,460.8	9.9	63.3
October	1,321.0	144.9	1,465.9	9.9	63.4
November	1,325.0	146.5	1,471.4	10.0	63.5
December	1,328.4	147.6	1,476.0	10.0	63.6
1992—					
January	1,330.6	148.3	1,478.9	10.0	63.5
February	1,331.0	149.4	1,480.4	10.1	63.5
March	1,330.6	150.9	1,481.5	10.2	63.4
April	1,330.4	153.0	1,483.4	10.3	63.3
May	1,331.9	155.4	1,487.3	10.4	63.3
June	1,336.0	157.7	1,493.6	10.6	63.5
July	1,341.9	159.6	1,501.6	10.6	63.7
August	1,348.0	161.2	1,509.2	10.7	63.9
September	1,353.0	162.3	1,515.3	10.7	64.0
October	1,356.5	163.5	1,520.0	10.8	64.0
November	1,359.2	164.2	1,523.5	10.8	64.0

DIAGRAM 4 - LABOUR FORCE STATUS: TREND SERIES, QUEENSLAND,
NOVEMBER 1980 TO NOVEMBER 1992

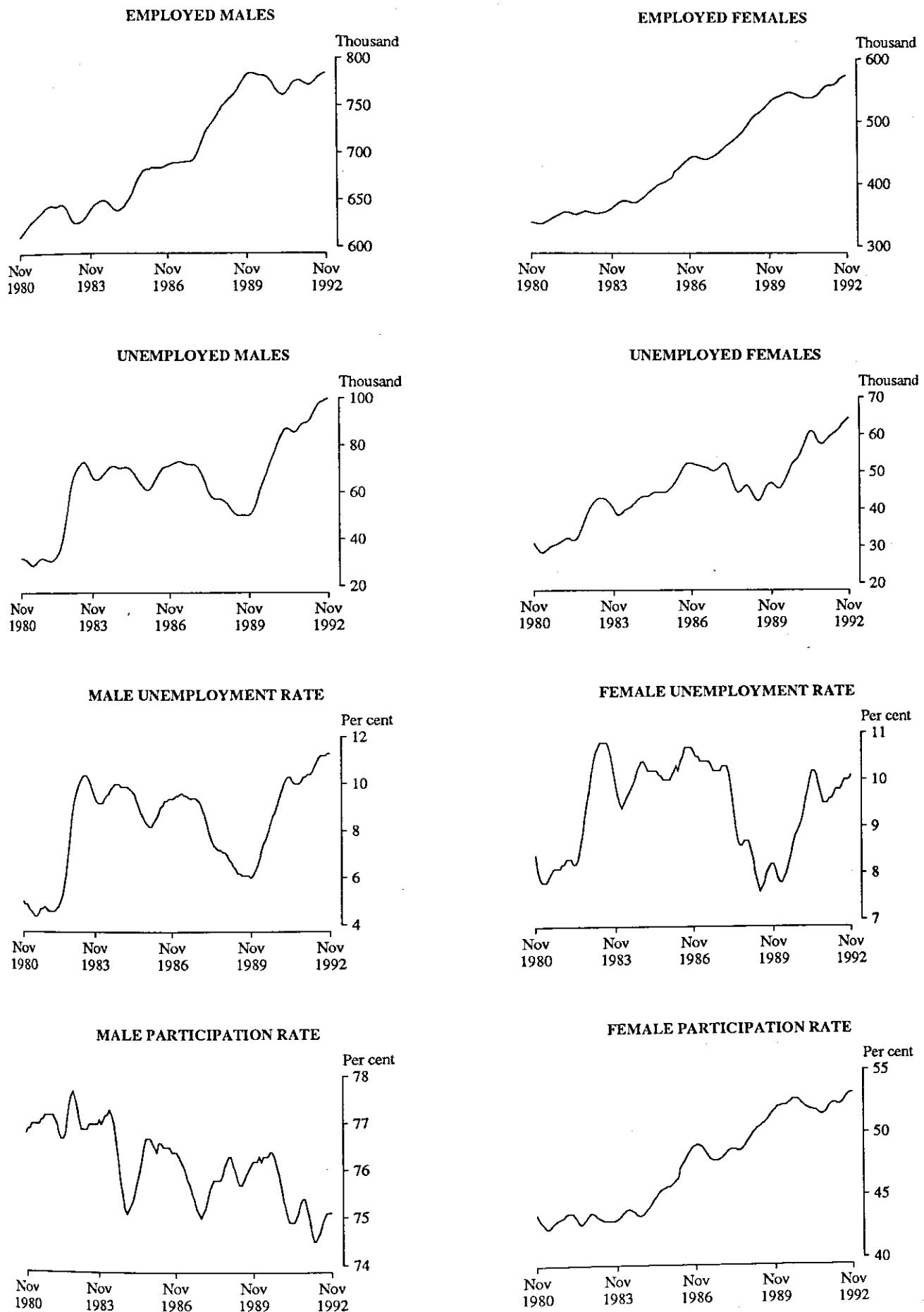


TABLE 6—LABOUR FORCE STATUS: STATISTICAL REGIONS, QUEENSLAND, SEPTEMBER 1992

Region	Employed			Unemployed	Labour force	Not in labour force	'000	Unemployment rate	Participation rate
	Full-time	Part-time	Total						
MALES									
Brisbane	323.4	40.1	363.5	41.4	404.8	134.1	10.2	75.1	
Brisbane City Inner Ring	76.2	11.6	87.9	10.9	98.7	41.3	11.0	70.5	
Brisbane City Outer Ring	98.8	14.4	113.3	9.4	122.6	45.9	7.6	72.8	
South and East BSD Balance	67.4	6.8	74.2	10.0	84.2	18.1	11.9	82.3	
North and West BSD Balance	80.9	7.2	88.1	11.2	99.3	28.8	11.3	77.5	
Balance of Queensland	380.2	45.2	425.4	49.1	474.5	159.5	10.3	74.8	
South and East Moreton	61.7	9.3	71.0	10.4	81.4	32.7	12.8	71.3	
North and West Moreton	41.8	8.7	50.5	6.8	57.4	24.9	11.9	69.8	
Wide Bay-Burnett	49.1	4.7	53.7	8.8	62.5	24.7	14.1	71.7	
Darling Downs and South-West	48.2	2.5	50.7	6.0	56.7	21.5	10.6	72.5	
Mackay, Fitzroy and Central-West	73.3	7.1	80.4	6.3	86.7	23.3	7.3	78.8	
Northern and North-West	58.4	3.4	61.7	4.5	66.3	15.3	6.9	81.2	
Far North	47.9	9.5	57.4	6.1	63.5	17.1	9.7	78.8	
Queensland	703.6	85.3	788.9	90.5	879.3	293.6	10.3	75.0	
FEMALES									
Brisbane	164.5	120.5	285.0	27.7	312.6	255.9	8.9	55.0	
Brisbane City Inner Ring	48.4	30.3	78.7	6.8	85.5	74.4	7.9	53.5	
Brisbane City Outer Ring	50.3	40.1	90.4	8.3	98.8	73.3	8.4	57.4	
South and East BSD Balance	30.2	23.7	53.9	6.1	60.0	44.5	10.2	57.4	
North and West BSD Balance	35.6	26.4	62.0	6.4	68.4	63.6	9.4	51.8	
Balance of Queensland	157.1	139.3	296.4	35.0	331.4	295.6	10.6	52.9	
South and East Moreton	27.2	21.7	48.9	6.5	55.4	49.6	11.8	52.8	
North and West Moreton	17.4	19.1	36.5	6.7	43.2	43.7	15.5	49.7	
Wide Bay-Burnett	18.2	21.4	39.7	5.2	44.9	43.9	11.7	50.6	
Darling Downs and South-West	17.1	18.8	36.0	2.6	38.6	37.7	6.7	50.6	
Mackay, Fitzroy and Central-West	28.6	21.8	50.4	6.2	56.6	55.3	10.9	50.6	
Northern and North-West	25.3	18.0	43.2	4.3	47.6	35.0	9.1	57.6	
Far North	23.3	18.5	41.8	3.5	45.3	30.5	7.7	59.7	
Queensland	321.6	259.8	581.4	62.7	644.1	551.6	9.7	53.9	
PERSONS									
Brisbane	487.9	160.5	648.4	69.1	717.5	390.0	9.6	64.8	
Brisbane City Inner Ring	124.7	41.9	166.6	17.6	184.2	115.7	9.6	61.4	
Brisbane City Outer Ring	149.2	54.5	203.7	17.7	221.4	119.2	8.0	65.0	
South and East BSD Balance	97.5	30.5	128.1	16.1	144.2	62.7	11.2	69.7	
North and West BSD Balance	116.5	33.6	150.1	17.6	167.7	92.4	10.5	64.5	
Balance of Queensland	537.3	184.6	721.8	84.1	805.9	455.2	10.4	63.9	
South and East Moreton	88.8	31.0	119.8	17.0	136.8	82.3	12.4	62.4	
North and West Moreton	59.2	27.8	87.0	13.5	100.6	68.6	13.4	59.5	
Wide Bay-Burnett	67.3	26.1	93.4	14.0	107.4	68.6	13.1	61.0	
Darling Downs and South-West	65.3	21.4	86.7	8.6	95.2	59.1	9.0	61.7	
Mackay, Fitzroy and Central-West	101.8	28.9	130.8	12.5	143.3	78.6	8.7	64.6	
Northern and North-West	83.6	21.3	105.0	8.9	113.8	50.3	7.8	69.3	
Far North	71.2	28.0	99.1	9.6	108.8	47.6	8.9	69.5	
Queensland	1,025.1	345.1	1,370.3	153.1	1,523.4	845.2	10.1	64.3	

TABLE 7—LABOUR FORCE STATUS: STATISTICAL REGIONS, QUEENSLAND, OCTOBER 1992

Region	Employed			Labour force	Not in labour force	'000	Unemployment rate %	Participation rate %
	Full-time	Part-time	Total					
	'000	'000	'000					
MALES								
Brisbane	325.3	37.5	362.8	38.3	401.1	138.9	9.6	74.3
Brisbane City Inner Ring	80.4	11.1	91.5	11.7	103.2	41.9	11.3	71.1
Brisbane City Outer Ring	99.7	14.4	114.1	8.9	123.0	48.9	7.2	71.5
South and East BSD Balance	69.9	5.3	75.2	7.5	82.8	18.7	9.1	81.6
North and West BSD Balance	75.3	6.6	82.0	10.3	92.2	29.4	11.1	75.8
Balance of Queensland	379.3	45.5	424.7	47.9	472.6	162.9	10.1	74.4
South and East Moreton	59.3	8.1	67.5	12.0	79.5	29.6	15.1	72.8
North and West Moreton	43.8	8.3	52.1	8.3	60.4	25.0	13.7	70.7
Wide Bay-Burnett	44.7	4.5	49.2	8.5	57.7	26.4	14.7	68.6
Darling Downs and South-West	51.5	3.9	55.4	4.2	59.6	23.3	7.1	71.9
Mackay, Fitzroy and Central-West	74.4	7.0	81.5	5.0	86.4	21.7	5.7	79.9
Northern and North-West	59.4	4.2	63.7	4.4	68.0	17.8	6.4	79.3
Far North	46.1	9.3	55.5	5.6	61.0	19.1	9.1	76.2
Queensland	704.6	82.9	787.5	86.2	873.7	301.8	9.9	74.3
FEMALES								
Brisbane	162.1	117.8	279.9	24.9	304.9	264.8	8.2	53.5
Brisbane City Inner Ring	47.1	29.8	76.9	5.7	82.6	78.0	6.9	51.4
Brisbane City Outer Ring	52.3	39.9	92.2	6.6	98.8	75.7	6.7	56.6
South and East BSD Balance	30.9	23.6	54.5	5.9	60.4	45.2	9.8	57.2
North and West BSD Balance	31.8	24.5	56.4	6.7	63.0	65.8	10.6	48.9
Balance of Queensland	161.5	135.8	297.3	31.3	328.7	300.0	9.5	52.3
South and East Moreton	28.2	23.5	51.7	4.8	56.6	49.5	8.5	53.3
North and West Moreton	18.9	18.5	37.5	5.4	42.8	46.9	12.6	47.7
Wide Bay-Burnett	17.4	19.9	37.4	6.1	43.5	40.5	14.1	51.8
Darling Downs and South-West	17.6	18.2	35.9	2.1	37.9	39.3	5.5	49.1
Mackay, Fitzroy and Central-West	28.1	21.9	50.0	4.9	54.9	53.7	8.9	50.6
Northern and North-West	27.6	16.0	43.6	4.9	48.5	37.0	10.2	56.7
Far North	23.6	17.7	41.3	3.2	44.5	33.1	7.1	57.3
Queensland	323.6	253.6	577.2	56.3	633.5	564.8	8.9	52.9
PERSONS								
Brisbane	487.4	155.3	642.7	63.3	706.0	403.7	9.0	63.6
Brisbane City Inner Ring	127.5	40.9	168.3	17.4	185.8	119.9	9.4	60.8
Brisbane City Outer Ring	152.0	54.3	206.3	15.5	221.8	124.7	7.0	64.0
South and East BSD Balance	100.9	28.9	129.7	13.4	143.2	63.9	9.4	69.1
North and West BSD Balance	107.1	31.2	138.3	16.9	155.2	95.2	10.9	62.0
Balance of Queensland	540.8	181.3	722.0	79.2	801.3	462.9	9.9	63.4
South and East Moreton	87.6	31.6	119.2	16.8	136.0	79.1	12.4	63.2
North and West Moreton	62.7	26.9	89.6	13.7	103.2	71.9	13.2	59.0
Wide Bay-Burnett	62.1	24.4	86.5	14.6	101.2	66.9	14.4	60.2
Darling Downs and South-West	69.1	22.1	91.2	6.3	97.5	62.6	6.5	60.9
Mackay, Fitzroy and Central-West	102.5	29.0	131.5	9.8	141.3	75.4	7.0	65.2
Northern and North-West	87.1	20.2	107.2	9.3	116.5	54.8	8.0	68.0
Far North	69.7	27.1	96.8	8.7	105.5	52.1	8.3	66.9
Queensland	1,028.2	336.5	1,364.7	142.5	1,507.2	866.6	9.5	63.5

TABLE 8—LABOUR FORCE STATUS: STATISTICAL REGIONS, QUEENSLAND, NOVEMBER 1992

Region	Employed			Unemployed	Labour force	Not in labour force	Unemployment rate	Participation rate
	Full-time	Part-time	Total					
MALES								
Brisbane	324.6	35.4	360.0	41.5	401.5	139.5	10.3	74.2
Brisbane City Inner Ring	81.5	11.6	93.2	9.0	102.2	45.1	8.8	69.4
Brisbane City Outer Ring	100.6	13.4	114.0	9.3	123.4	45.5	7.6	73.1
South and East BSD Balance	64.9	2.9	67.7	11.1	78.9	17.3	14.1	82.0
North and West BSD Balance	77.6	7.5	85.0	12.1	97.1	31.6	12.4	75.4
Balance of Queensland	379.8	41.9	421.7	51.8	473.5	163.5	10.9	74.3
South and East Moreton	64.6	9.0	73.6	11.0	84.6	30.6	13.0	73.4
North and West Moreton	46.2	8.1	54.2	8.1	62.3	26.6	12.9	70.1
Wide Bay-Burnett	46.4	5.5	51.9	7.5	59.4	25.8	12.6	69.7
Darling Downs and South-West	54.8	4.1	58.9	7.4	66.2	20.4	11.1	76.5
Mackay, Fitzroy and Central-West	70.0	5.5	75.4	5.3	80.8	25.0	6.6	76.4
Northern and North-West	55.6	3.9	59.5	6.9	66.3	16.3	10.3	80.2
Far North	42.3	5.9	48.2	5.6	53.8	18.8	10.4	74.1
Queensland	704.4	77.3	781.7	93.3	875.0	303.0	10.7	74.3
FEMALES								
Brisbane	167.6	117.4	284.9	25.7	310.7	260.1	8.3	54.4
Brisbane City Inner Ring	47.0	26.2	73.1	7.2	80.4	75.9	9.0	51.4
Brisbane City Outer Ring	50.8	38.5	89.3	4.6	93.9	76.4	4.9	55.1
South and East BSD Balance	31.2	24.5	55.7	6.3	62.0	38.5	10.1	61.7
North and West BSD Balance	38.6	28.1	66.7	7.7	74.4	69.4	10.3	51.7
Balance of Queensland	152.4	137.4	289.8	33.0	322.8	307.4	10.2	51.2
South and East Moreton	28.2	26.6	54.8	7.4	62.2	50.5	11.9	55.2
North and West Moreton	19.1	20.2	39.3	4.4	43.7	44.9	10.2	49.3
Wide Bay-Burnett	17.0	20.3	37.2	4.8	42.0	43.1	11.4	49.4
Darling Downs and South-West	20.3	18.0	38.3	4.2	42.5	46.6	10.0	47.7
Mackay, Fitzroy and Central-West	25.0	24.3	49.2	4.9	54.1	51.3	9.1	51.3
Northern and North-West	22.5	14.4	36.9	3.6	40.5	36.6	8.9	52.5
Far North	20.4	13.7	34.1	3.6	37.8	34.4	9.6	52.4
Queensland	320.0	254.8	574.7	58.8	633.5	567.5	9.3	52.7
PERSONS								
Brisbane	492.1	152.8	644.9	67.3	712.2	399.7	9.4	64.1
Brisbane City Inner Ring	128.5	37.8	166.3	16.2	182.5	121.0	8.9	60.1
Brisbane City Outer Ring	151.4	52.0	203.3	13.9	217.3	121.9	6.4	64.1
South and East BSD Balance	96.1	27.4	123.5	17.4	140.9	55.8	12.4	71.6
North and West BSD Balance	116.2	35.6	151.8	19.7	171.5	101.0	11.5	62.9
Balance of Queensland	532.2	179.3	711.5	84.8	796.3	470.9	10.6	62.8
South and East Moreton	92.8	35.6	128.4	18.5	146.9	81.1	12.6	64.4
North and West Moreton	65.2	28.3	93.5	12.5	106.0	71.5	11.8	59.7
Wide Bay-Burnett	63.4	25.7	89.2	12.3	101.5	68.9	12.1	59.6
Darling Downs and South-West	75.1	22.1	97.1	11.6	108.7	67.0	10.7	61.9
Mackay, Fitzroy and Central-West	94.9	29.8	124.7	10.2	134.9	76.3	7.6	63.9
Northern and North-West	78.1	18.3	96.4	10.4	106.8	52.9	9.8	66.9
Far North	62.7	19.6	82.3	9.2	91.5	53.1	10.1	63.3
Queensland	1,024.3	332.1	1,356.5	152.0	1,508.5	870.6	10.1	63.4

TABLE 9—LABOUR FORCE STATUS: AGE BY STATISTICAL REGION, QUEENSLAND, NOVEMBER 1992

Age group (years)	Employed			Labour force	Not in labour force	'000	Unemployment rate	Participation rate
	Full-time	Part-time	Total					
BRISBANE CITY INNER RING								
15-24	22.7	12.5	35.2	7.4	42.6	22.5	17.4	65.4
15-19	2.3	5.3	7.6	2.5	10.2	12.1	25.0	45.7
20-24	20.4	7.2	27.6	4.9	32.5	10.5	15.0	75.7
25-44	74.5	16.0	90.4	7.2	97.6	16.1	7.4	85.8
45 and over	31.3	9.4	40.7	* 1.6	42.3	82.3	* 3.8	33.9
Total	128.5	37.8	166.3	16.2	182.5	121.0	8.9	60.1
BRISBANE CITY OUTER RING								
15-24	25.6	18.8	44.4	5.8	50.2	18.4	11.5	73.1
15-19	7.6	12.8	20.4	3.6	24.0	15.1	14.9	61.4
20-24	17.9	6.0	24.0	2.2	26.2	3.4	8.4	88.6
25-44	74.3	17.9	92.2	5.3	97.5	23.2	5.5	80.8
45 and over	51.5	15.3	66.8	2.8	69.6	80.2	4.0	46.4
Total	151.4	52.0	203.3	13.9	217.3	121.9	6.4	64.1
SOUTH AND EAST BSD BALANCE								
15-24	21.6	7.5	29.1	5.8	34.8	12.0	16.5	74.4
15-19	7.4	4.9	12.3	3.9	16.2	8.9	24.3	64.7
20-24	14.2	2.6	16.8	* 1.8	18.6	3.1	* 9.7	85.7
25-44	54.1	14.1	68.2	8.3	76.5	18.7	10.8	80.4
45 and over	20.4	5.9	26.2	3.4	29.6	25.1	11.5	54.1
Total	96.1	27.4	123.5	17.4	140.9	55.8	12.4	71.6
NORTH AND WEST BSD BALANCE								
15-24	24.9	12.1	37.0	6.2	43.2	18.0	14.3	70.5
15-19	7.4	9.5	16.9	* 2.7	19.6	11.4	* 14.0	63.3
20-24	17.5	* 2.6	20.1	3.4	23.5	6.6	14.5	78.0
25-44	61.2	14.4	75.6	10.4	86.0	22.1	12.1	79.6
45 and over	30.0	9.0	39.1	3.2	42.3	60.9	7.5	41.0
Total	116.2	35.6	151.8	19.7	171.5	101.0	11.5	62.9
BRISBANE MAJOR STATISTICAL REGION								
15-24	94.8	50.9	145.7	25.1	170.8	71.0	14.7	70.7
15-19	24.7	32.4	57.2	12.8	70.0	47.4	18.3	59.6
20-24	70.1	18.5	88.6	12.3	100.9	23.6	12.2	81.0
25-44	264.1	62.3	326.5	31.2	357.6	80.1	8.7	81.7
45 and over	133.2	39.6	172.7	11.0	183.7	248.6	6.0	42.5
Total	492.1	152.8	644.9	67.3	712.2	399.7	9.4	64.1
SOUTH AND EAST MORETON								
15-24	16.1	10.9	27.0	8.6	35.6	7.7	24.2	82.1
15-19	4.7	5.5	10.2	3.3	13.4	4.6	24.4	74.3
20-24	11.4	5.4	16.8	5.3	22.1	3.1	24.1	87.7
25-44	52.7	15.8	68.5	6.9	75.5	14.0	9.2	84.3
45 and over	24.0	8.9	32.9	2.9	35.8	59.4	8.2	37.6
Total	92.8	35.6	128.4	18.5	146.9	81.1	12.6	64.4
NORTH AND WEST MORETON								
15-24	11.5	7.1	18.6	4.1	22.7	9.8	18.0	69.9
15-19	4.5	5.7	10.2	* 2.1	12.3	6.9	* 16.9	64.1
20-24	7.0	* 1.4	8.4	* 2.0	10.4	2.9	* 19.2	78.3
25-44	34.8	14.1	48.9	6.1	55.0	16.4	11.2	77.1
45 and over	18.9	7.1	26.0	* 2.3	28.2	45.3	* 8.0	38.4
Total	65.2	28.3	93.5	12.5	106.0	71.5	11.8	59.7
WIDE BAY-BURNETT								
15-24	8.8	6.9	15.7	3.6	19.3	10.2	18.7	65.5
15-19	2.8	5.0	7.9	* 1.7	9.6	7.6	* 18.1	55.7
20-24	5.9	* 1.9	7.8	* 1.9	9.7	2.5	* 19.3	79.3
25-44	32.6	12.7	45.3	6.0	51.3	14.1	11.7	78.4
45 and over	22.1	6.1	28.2	2.7	30.9	44.6	8.6	40.9
Total	63.4	25.7	89.2	12.3	101.5	68.9	12.1	59.6

TABLE 9—LABOUR FORCE STATUS: AGE BY STATISTICAL REGION, QUEENSLAND, NOVEMBER 1992—continued

Age group (years)	Employed			Labour force	Not in labour force	'000	Unemployment rate %	Participation rate %
	Full-time '000	Part-time '000	Total '000					
DARLING DOWNS AND SOUTH-WEST								
15-24	18.4	4.5	22.8	5.6	28.4	12.7	19.6	69.0
15-19	3.5	2.6	6.1	2.3	8.4	8.6	27.1	49.3
20-24	14.9	1.8	16.7	3.3	20.0	4.1	16.5	83.0
25-44	33.2	11.4	44.7	4.3	49.0	13.5	8.8	78.3
45 and over	23.4	6.2	29.6	1.7	31.3	40.7	5.5	43.5
Total	75.1	22.1	97.1	11.6	108.7	67.0	10.7	61.9
MACKAY, FITZROY AND CENTRAL-WEST								
15-24	19.9	7.2	27.1	3.7	30.8	11.2	12.0	73.4
15-19	4.3	4.6	8.9	* 1.7	10.6	6.1	* 15.9	63.3
20-24	15.6	* 2.6	18.2	* 2.0	20.2	5.0	* 9.9	80.1
25-44	49.5	14.7	64.2	4.4	68.6	17.8	6.5	79.4
45 and over	25.5	7.8	33.4	* 2.1	35.5	47.3	* 5.9	42.9
Total	94.9	29.8	124.7	10.2	134.9	76.3	7.6	63.9
NORTHERN AND NORTH-WEST								
15-24	11.2	5.4	16.6	5.5	22.1	13.7	24.9	61.7
15-19	3.1	3.0	6.0	3.4	9.4	9.3	35.9	50.3
20-24	8.1	2.4	10.5	2.1	12.7	4.4	16.8	74.1
25-44	45.9	9.3	55.1	3.5	58.6	14.0	5.9	80.7
45 and over	21.0	3.7	24.7	1.5	26.2	25.2	5.7	50.9
Total	78.1	18.3	96.4	10.4	106.8	52.9	9.8	66.9
FAR NORTH								
15-24	10.6	5.4	16.0	4.0	20.0	11.2	20.2	64.2
15-19	3.0	2.8	5.8	2.3	8.1	8.6	28.1	48.4
20-24	7.6	2.6	10.2	1.8	12.0	2.6	14.8	82.2
25-44	32.9	8.8	41.6	2.9	44.5	10.9	6.4	80.3
45 and over	19.2	5.4	24.7	2.4	27.0	31.0	8.7	46.5
Total	62.7	19.6	82.3	9.2	91.5	53.1	10.1	63.3
BALANCE OF QUEENSLAND								
15-24	96.5	47.3	143.8	35.1	178.9	76.4	19.6	70.1
15-19	25.9	29.2	55.1	16.7	71.7	51.8	23.2	58.1
20-24	70.6	18.1	88.7	18.4	107.2	24.7	17.2	81.3
25-44	281.5	86.8	368.3	34.2	402.5	100.8	8.5	80.0
45 and over	154.2	45.3	199.4	15.5	214.9	293.7	7.2	42.3
Total	532.2	179.3	711.5	84.8	796.3	470.9	10.6	62.8
QUEENSLAND								
15-24	191.3	98.2	289.5	60.2	349.7	147.4	17.2	70.4
15-19	50.6	61.6	112.2	29.5	141.7	99.1	20.8	58.8
20-24	140.7	36.6	177.3	30.7	208.0	48.2	14.8	81.2
25-44	545.6	149.1	694.8	65.3	760.1	180.9	8.6	80.8
45 and over	287.3	84.8	372.2	26.5	398.6	542.3	6.6	42.4
Total	1,024.3	332.1	1,356.5	152.0	1,508.5	870.6	10.1	63.4

DIAGRAM 5 - YOUTH UNEMPLOYMENT RATE: PERSONS AGED 15 TO 19 YEARS, QUEENSLAND,

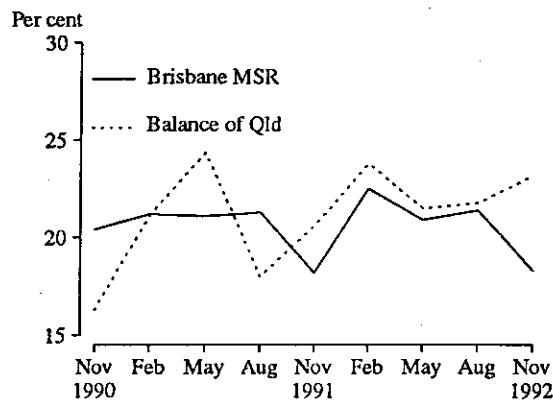


TABLE 10—LABOUR FORCE STATUS: PERSONS AGED 15 TO 19 YEARS BY FULL-TIME ATTENDANCE AT AN EDUCATIONAL INSTITUTION, QUEENSLAND, NOVEMBER 1992

Sex	Employed				Labour force	Not in labour force	Civilian population aged 15 to 19 years	Unemployment rate	Participation rate
	Full-time	Part-time	Total	Unemployed					
'000	'000	'000	'000	'000	'000	'000	'000	'000	%
ATTENDING NEITHER SCHOOL NOR A TERTIARY EDUCATIONAL INSTITUTION FULL-TIME									
Males	28.8	3.4	32.3	10.9	43.2	* 2.6	45.8	25.3	94.4
Females	20.3	9.9	30.2	7.8	38.1	6.8	44.8	20.6	84.9
Persons	49.2	13.3	62.5	18.7	81.2	9.3	90.6	23.1	89.7
ATTENDING A TERTIARY EDUCATIONAL INSTITUTION FULL-TIME									
Males	* 1.0	3.7	4.8	* 1.0	5.8	7.9	13.7	* 17.4	42.1
Females	* 0.2	5.0	5.2	* 0.9	6.1	10.1	16.2	* 15.2	37.8
Persons	* 1.2	8.7	9.9	* 1.9	11.9	18.0	29.9	* 16.2	39.8
ATTENDING SCHOOL									
Males	* 0.2	17.0	17.2	5.4	22.6	40.9	63.5	23.9	35.6
Females	* 0.0	22.6	22.6	3.4	26.0	31.0	57.0	13.1	45.7
Persons	* 0.2	39.6	39.8	8.8	48.6	71.8	120.4	18.1	40.4
TOTAL									
Males	30.1	24.2	54.2	17.3	71.6	51.4	122.9	24.2	58.2
Females	20.5	37.5	58.0	12.2	70.2	47.8	118.0	17.3	59.5
Persons	50.6	61.6	112.2	29.5	141.7	99.1	240.9	20.8	58.8

TABLE 11—LABOUR FORCE STATUS: PERSONS AGED 20 TO 24 YEARS BY FULL-TIME ATTENDANCE AT A TERTIARY INSTITUTION, QUEENSLAND, NOVEMBER 1992

Sex	Employed				Labour force	Not in labour force	Civilian population aged 20 to 24 years	Unemployment rate	Participation rate
	Full-time	Part-time	Total	Unemployed					
'000	'000	'000	'000	'000	'000	'000	'000	'000	%
NOT ATTENDING A TERTIARY EDUCATIONAL INSTITUTION FULL-TIME									
Males	82.4	7.2	89.6	18.8	108.3	3.9	112.3	17.3	96.5
Females	55.9	18.5	74.3	9.2	83.5	24.8	108.3	11.0	77.1
Persons	138.3	25.6	163.9	27.9	191.8	28.8	220.6	14.6	87.0
ATTENDING A TERTIARY EDUCATIONAL INSTITUTION FULL-TIME									
Males	* 1.3	4.0	5.4	* 1.0	6.4	10.9	17.3	* 15.2	36.8
Females	* 1.1	6.9	8.0	* 1.8	9.8	8.6	18.4	* 18.5	53.4
Persons	* 2.4	11.0	13.4	* 2.8	16.2	19.5	35.7	* 17.2	45.4
TOTAL									
Males	83.8	11.2	95.0	19.7	114.7	14.8	129.5	17.2	88.5
Females	56.9	25.4	82.3	11.0	93.3	33.4	126.7	11.8	73.6
Persons	140.7	36.6	177.3	30.7	208.0	48.2	256.3	14.8	81.2

TABLE 12 — EMPLOYED PERSONS: FULL-TIME OR PART-TIME STATUS, QUEENSLAND

Month	Females											
	Males		Married		Not married		Total		Persons			
	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time	Full-time	Part-time
'000												
<i>1991 —</i>												
September	705.4	80.0	182.9	165.0	132.0	68.4	314.9	233.3	1,020.3	313.3		
October	705.0	76.4	181.3	161.3	132.5	68.3	313.8	229.6	1,018.9	305.9		
November	696.6	79.4	180.9	161.7	130.2	75.0	311.1	236.8	1,007.7	316.2		
December	711.4	75.4	182.1	157.5	145.1	75.2	327.2	232.7	1,038.6	308.1		
<i>1992 —</i>												
January	694.1	71.0	183.7	143.6	144.3	68.4	327.9	212.0	1,022.1	283.0		
February	692.3	79.0	177.1	163.3	140.6	72.5	317.7	235.8	1,009.9	314.8		
March	689.8	81.8	176.1	164.8	135.4	79.0	311.5	243.8	1,001.3	325.6		
April	692.3	79.3	177.9	165.2	138.1	79.0	316.0	244.2	1,008.3	323.5		
May	680.9	87.0	180.1	160.8	143.7	77.4	323.8	238.2	1,004.7	325.2		
June	684.5	85.9	180.3	164.2	139.8	79.0	320.1	243.3	1,004.6	329.1		
July	696.2	84.9	182.3	162.2	138.2	81.2	320.5	243.4	1,016.7	328.3		
August	693.9	83.5	181.0	168.7	138.2	79.4	319.2	248.2	1,013.1	331.7		
September	703.6	85.3	186.9	172.3	134.7	87.5	321.6	259.8	1,025.1	345.1		
October	704.6	82.9	184.9	166.2	138.7	87.4	323.6	253.6	1,028.2	336.5		
November	704.4	77.3	186.9	165.4	133.1	89.4	320.0	254.8	1,024.3	332.1		
PER CENT (a)												
<i>1991 —</i>												
September	89.8	10.2	52.6	47.4	65.9	34.1	57.4	42.6	76.5	23.5		
October	90.2	9.8	52.9	47.1	66.0	34.0	57.8	42.2	76.9	23.1		
November	89.8	10.2	52.8	47.2	63.4	36.6	56.8	43.2	76.1	23.9		
December	90.4	9.6	53.6	46.4	65.9	34.1	58.4	41.6	77.1	22.9		
<i>1992 —</i>												
January	90.7	9.3	56.1	43.9	67.8	32.2	60.7	39.3	78.3	21.7		
February	89.8	10.2	52.0	48.0	66.0	34.0	57.4	42.6	76.2	23.8		
March	89.4	10.6	51.7	48.3	63.1	36.9	56.1	43.9	75.5	24.5		
April	89.7	10.3	51.9	48.1	63.6	36.4	56.4	43.6	75.7	24.3		
May	88.7	11.3	52.8	47.2	65.0	35.0	57.6	42.4	75.5	24.5		
June	88.9	11.1	52.3	47.7	63.9	36.1	56.8	43.2	75.3	24.7		
July	89.1	10.9	52.9	47.1	63.0	37.0	56.8	43.2	75.6	24.4		
August	89.3	10.7	51.8	48.2	63.5	36.5	56.3	43.7	75.3	24.7		
September	89.2	10.8	52.0	48.0	60.6	39.4	55.3	44.7	74.8	25.2		
October	89.5	10.5	52.7	47.3	61.3	38.7	56.1	43.9	75.3	24.7		
November	90.1	9.9	53.0	47.0	59.8	40.2	55.7	44.3	75.5	24.5		

(a) Full-time and part-time as a proportion of employed persons in each category.

TABLE 13—EMPLOYED PERSONS: AVERAGE HOURS WORKED BY STATUS OF WORKER, INDUSTRY AND OCCUPATION,
QUEENSLAND, NOVEMBER 1992

Status of worker, industry division and occupation group	Females				Persons
	Males	Married	Not married	Total	
Status of worker					
Employers	54.5	34.4	43.0	35.0	47.9
Self-employed	47.4	32.6	28.8	32.2	42.4
Wage and salary earners	40.0	28.8	28.2	28.5	34.9
Unpaid family helpers	20.7	18.2	8.0	15.6	18.1
Industry division					
Agriculture, forestry, fishing and hunting	52.2	37.1	23.1	34.8	46.8
Mining	43.2	31.5	* 44.4	36.6	42.3
Manufacturing	41.4	31.8	35.0	32.9	39.1
Electricity, gas and water	35.8	* 27.2	* 0.0	* 27.2	35.0
Construction	42.9	17.6	28.8	20.2	39.7
Wholesale and retail trade	41.7	30.6	22.8	27.2	35.1
Wholesale trade	45.0	28.9	36.4	30.9	41.2
Retail trade	39.9	31.0	21.2	26.5	32.9
Transport and storage	44.1	24.3	34.1	28.3	41.3
Communication	38.6	30.9	23.3	28.0	35.6
Finance, property and business services	40.8	28.8	31.2	29.8	35.3
Public administration and defence	39.0	28.7	33.4	31.0	36.5
Community services	38.6	28.3	30.3	29.0	32.1
Recreation, personal and other services	37.9	30.7	26.0	28.4	32.3
Occupation group					
Managers and administrators	55.8	46.8	42.4	46.1	53.3
Professionals	42.2	29.8	33.7	31.3	37.5
Para-professionals	39.8	30.8	31.4	31.0	35.8
Tradespersons	41.0	32.2	34.4	33.2	40.3
Clerks	37.0	26.1	31.8	28.1	30.2
Salespersons and personal service workers	39.3	29.4	22.0	25.7	30.6
Plant and machine operators and drivers	43.4	33.7	35.1	34.2	42.3
Labourers and related workers	35.5	24.8	24.0	24.5	31.8
Full-time workers	44.9	41.2	37.4	39.6	43.2
Part-time workers	13.7	16.3	14.3	15.6	15.2
Total	41.8	29.5	28.1	29.0	36.4

DIAGRAM 6 - FEMALES AS A PROPORTION OF TOTAL EMPLOYED
BY SELECTED INDUSTRY DIVISION, QUEENSLAND

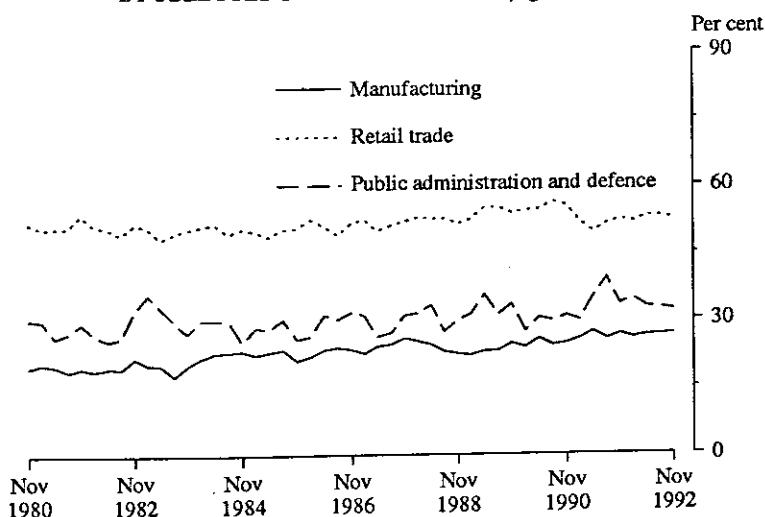


TABLE 14—EMPLOYED PERSONS: STATUS OF WORKER, INDUSTRY AND OCCUPATION, QUEENSLAND, NOVEMBER 1992
('000)

Particulars	Females					Persons
	Males	Married	Not married	Total		
Status of worker						
Employers	49.8	23.9	* 1.8	25.7	75.4	
Self-employed	107.1	46.6	6.4	53.0	160.1	
Wage and salary earners	618.1	276.4	212.5	489.0	1,107.1	
Unpaid family helpers	6.8	5.3	* 1.8	7.1	13.8	
Industry division						
Agriculture, forestry, fishing and hunting	54.1	20.4	4.0	24.3	78.4	
Mining	15.6	* 1.5	* 1.0	* 2.5	18.1	
Manufacturing	123.7	30.8	14.1	44.9	168.6	
Electricity, gas and water	12.8	* 1.4	* 0.0	* 1.4	14.2	
Construction	97.3	12.3	3.7	16.0	113.4	
Wholesale and retail trade	163.9	78.3	59.0	137.3	301.1	
Wholesale trade	59.8	16.1	6.0	22.1	82.0	
Retail trade	104.1	62.1	53.0	115.1	219.2	
Transport and storage	58.1	7.5	5.1	12.6	70.7	
Communication	12.3	3.0	* 1.8	4.8	17.1	
Finance, property and business services	69.7	41.5	28.6	70.1	139.7	
Public administration and defence	41.3	9.7	9.7	19.4	60.7	
Community services	84.5	111.6	61.6	173.2	257.7	
Recreation, personal and other services	48.5	34.5	33.8	68.3	116.8	
Occupation group						
Managers and administrators	102.2	30.0	6.0	35.9	138.2	
Professionals	85.8	40.2	26.0	66.2	152.0	
Para-professionals	40.9	22.5	12.6	35.1	76.0	
Tradespersons	183.8	10.8	9.3	20.2	204.0	
Clerks	52.2	111.8	61.1	173.0	225.2	
Salespersons and personal service workers	88.5	80.8	77.6	158.4	246.9	
Plant and machine operators and drivers	82.8	7.8	4.0	11.8	94.6	
Labourers and related workers	145.5	48.3	25.9	74.1	219.6	
Total	781.7	352.2	222.5	574.7	1,356.5	

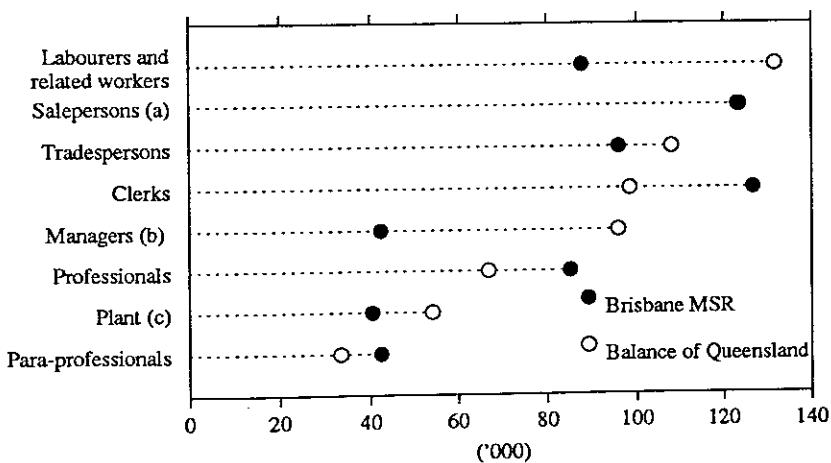
TABLE 15—EMPLOYED PERSONS: INDUSTRY BY OCCUPATION, QUEENSLAND, NOVEMBER 1992
('000)

Industry division	Occupation group							Total	
	Managers and administrators	Professionals	Para-professionals	Tradespersons	Clerks	Salespersons and personal service workers	Plant and machine operators and drivers		
Agriculture, forestry, fishing and hunting	42.9	* 0.3	* 1.7	* 2.3	* 2.4	* 0.0	* 2.2	26.6	78.4
Mining	* 0.6	* 1.9	* 0.6	4.3	* 1.5	* 0.0	5.1	4.1	18.1
Manufacturing	11.2	8.0	4.2	48.4	22.1	10.6	23.2	40.8	168.6
Electricity, gas and water	* 0.4	* 1.1	* 2.6	4.2	* 2.4	* 0.4	* 1.8	* 1.1	14.2
Construction	9.1	* 1.3	* 2.4	57.0	15.9	* 0.8	9.2	17.6	113.4
Wholesale and retail trade	36.4	6.1	3.7	44.3	28.5	133.5	10.8	37.9	301.1
Transport and storage	4.2	* 2.0	3.9	6.4	11.1	5.0	29.2	9.0	70.7
Communication	* 0.6	* 2.2	* 0.6	4.3	7.6	* 0.4	* 1.0	* 0.4	17.1
Finance, property and business services	9.5	22.4	5.3	* 2.3	50.1	33.2	* 0.8	16.1	139.7
Public administration and defence	3.7	9.7	6.0	3.4	23.0	* 0.8	5.7	8.3	60.7
Community services	5.7	89.4	42.0	7.6	50.4	24.8	4.4	33.4	257.7
Recreation, personal and other services	13.8	7.6	* 2.9	19.5	10.2	37.3	* 1.2	24.3	116.8
Total	138.2	152.0	76.0	204.0	225.2	246.9	94.6	219.6	1,356.5

TABLE 16—EMPLOYED PERSONS: STATUS OF WORKER, INDUSTRY AND OCCUPATION BY STATISTICAL REGION, QUEENSLAND, NOVEMBER 1992
('000)

Particulars	Brisbane				
	Brisbane City Inner Ring	Brisbane City Outer Ring	South and East BSD Balance	North and West BSD Balance	Total
Status of worker					
Wage and salary earners	143.0	176.2	104.9	126.9	551.0
Others	23.3	27.1	18.6	24.9	93.9
Industry division					
Agriculture, forestry, fishing and hunting	* 0.0	* 1.8	* 1.0	2.4	5.1
Mining	* 0.4	* 1.4	* 0.8	* 0.8	3.4
Manufacturing	16.4	28.6	19.6	29.1	93.7
Electricity, gas and water	* 0.8	2.7	* 0.2	* 1.2	4.9
Construction	10.8	13.5	10.7	12.9	47.9
Wholesale and retail trade	31.5	51.0	30.6	34.3	147.5
Wholesale trade	11.4	16.9	10.3	7.7	46.4
Retail trade	20.1	34.1	20.3	26.6	101.1
Transport and storage	8.6	10.8	8.9	9.6	37.8
Communication	3.7	2.7	* 1.0	2.5	9.9
Finance, property and business services	25.8	25.7	13.7	15.8	80.9
Public administration and defence	9.7	8.4	4.7	6.4	29.3
Community services	41.5	41.2	24.6	26.7	134.0
Recreation, personal and other services	17.0	15.6	7.7	10.1	50.5
Occupation group					
Managers and administrators	10.7	14.8	8.7	8.2	42.5
Professionals	36.4	29.5	12.0	7.3	85.2
Para-professionals	10.7	14.6	7.5	9.7	42.5
Tradespersons	20.8	25.9	21.5	27.7	95.9
Clerks	33.5	40.1	24.0	29.2	126.8
Salepersons and personal service workers	30.9	40.6	22.2	30.0	123.7
Plant and machine operators and drivers	6.2	8.6	11.5	14.1	40.5
Labourers and related workers	17.1	29.2	15.9	25.5	87.8
Total	166.3	203.3	123.5	151.8	644.9

DIAGRAM 7 - EMPLOYMENT BY OCCUPATION BY BRISBANE MSR AND BALANCE OF QUEENSLAND, NOVEMBER 1992



(a) Including personal service workers. (b) Including administrators.
(c) Including machine operators and drivers.

TABLE 16—EMPLOYED PERSONS: STATUS OF WORKER, INDUSTRY AND OCCUPATION BY STATISTICAL REGION,
QUEENSLAND, NOVEMBER 1992—*continued*
('000)

Particulars	Balance of Queensland									Total	Queensland
	South and East Moreton	North and West Moreton	Wide Bay- Burnett	Darling Downs and South-West	Mackay, Fitzroy and Central-West	Northern and North-West	Far North				
Status of worker											
Wage and salary earners	106.6	62.7	62.5	72.2	101.4	82.2	68.4	556.1	1,107.1		
Others	21.8	30.8	26.7	24.9	23.3	14.1	13.8	155.4	249.4		
Industry division											
Agriculture, forestry, fishing and hunting	3.7	11.8	11.6	20.9	10.0	7.9	7.3	73.3	78.4		
Mining	* 0.6	* 0.5	* 0.5	0.7	3.4	8.4	0.6	14.6	18.1		
Manufacturing	12.7	10.1	11.7	11.2	15.1	7.4	6.6	74.9	168.6		
Electricity, gas and water	* 0.4	* 0.2	2.6	0.8	3.0	1.5	0.6	9.2	14.2		
Construction	17.2	10.2	7.9	5.6	9.8	8.3	6.6	65.5	113.4		
Wholesale and retail trade	33.7	21.3	18.9	21.0	25.8	19.1	13.8	153.7	301.1		
Wholesale trade	7.5	3.0	3.3	5.9	7.0	5.0	4.0	35.6	82.0		
Retail trade	26.2	18.3	15.6	15.1	18.8	14.2	9.9	118.1	219.2		
Transport and storage	4.4	* 2.3	2.8	2.1	10.3	5.7	5.3	32.9	70.7		
Communication	* 0.6	* 0.9	* 1.3	1.1	* 1.9	1.1	0.4	7.2	17.1		
Finance, property and business services	16.1	10.3	5.8	5.7	9.2	5.8	5.9	58.9	139.7		
Public administration and defence	3.5	4.0	5.1	3.4	6.4	3.8	5.0	31.3	60.7		
Community services	17.1	11.5	14.5	16.9	22.4	19.3	21.9	123.7	257.7		
Recreation, personal and other services	18.4	10.4	6.6	7.6	7.2	7.9	8.2	66.3	116.8		
Occupation group											
Managers and administrators	14.1	15.8	15.7	19.6	12.6	9.4	8.5	95.7	138.2		
Professionals	11.2	7.1	8.3	8.9	13.1	9.0	9.3	66.9	152.0		
Para-professionals	4.6	4.4	3.1	4.9	5.8	6.1	4.6	33.5	76.0		
Tradespersons	22.2	13.3	13.4	14.5	19.7	15.5	9.5	108.0	204.0		
Clerks	17.4	13.4	10.2	11.1	18.2	13.4	14.7	98.4	225.2		
Salespersons and personal service workers	29.4	17.1	16.2	12.0	20.4	15.4	12.6	123.2	246.9		
Plant and machine operators and drivers	8.1	4.6	6.6	4.1	13.2	10.1	7.4	54.1	94.6		
Labourers and related workers	21.4	17.7	15.8	22.0	21.7	17.5	15.7	131.8	219.6		
Total	128.4	93.5	89.2	97.1	124.7	96.4	82.3	711.5	1,356.5		

TABLE 17—UNEMPLOYED PERSONS: DURATION OF UNEMPLOYMENT, QUEENSLAND

Duration of unemployment	1991			1992		
	September	October	November	September	October	November
MALES						
	'000	'000	'000	'000	'000	'000
Unemployed						
Under 4 weeks	9.9	9.8	13.1	11.3	9.1	11.3
4 and under 8 weeks	8.0	7.6	8.1	8.0	8.6	10.7
8 and under 13 weeks	8.2	6.6	6.6	10.9	8.8	9.5
13 and under 26 weeks	14.2	14.7	12.9	12.5	13.5	9.8
26 and under 52 weeks	20.2	19.5	15.3	19.9	18.7	23.9
52 weeks and over	19.6	19.9	21.3	27.9	27.6	28.1
Total	80.2	78.0	77.3	90.5	86.2	93.3
	weeks	weeks	weeks	weeks	weeks	weeks
Median duration of unemployment	25	26	22	26	26	30
FEMALES						
	'000	'000	'000	'000	'000	'000
Unemployed						
Under 4 weeks	12.9	7.8	10.8	12.3	10.1	11.8
4 and under 8 weeks	6.5	7.1	8.0	5.7	6.2	6.1
8 and under 13 weeks	6.6	4.7	3.9	7.0	5.8	4.0
13 and under 26 weeks	7.9	7.0	6.5	7.1	5.9	7.3
26 and under 52 weeks	13.0	12.4	11.8	15.0	13.7	10.8
52 weeks and over	10.3	11.3	10.5	15.5	14.6	18.7
Total	57.3	50.3	51.5	62.7	56.3	58.8
	weeks	weeks	weeks	weeks	weeks	weeks
Median duration of unemployment	16	21	17	22	26	26
PERSONS						
	'000	'000	'000	'000	'000	'000
Unemployed						
Under 4 weeks	22.8	17.6	23.9	23.7	19.1	23.1
4 and under 8 weeks	14.5	14.7	16.1	13.6	14.8	16.8
8 and under 13 weeks	14.8	11.3	10.4	17.9	14.6	13.5
13 and under 26 weeks	22.1	21.7	19.5	19.6	19.4	17.2
26 and under 52 weeks	33.3	31.9	27.1	34.9	32.4	34.6
52 weeks and over	29.9	31.2	31.8	43.4	42.2	46.8
Total	137.5	128.3	128.8	153.1	142.5	152.0
	weeks	weeks	weeks	weeks	weeks	weeks
Median duration of unemployment	21	24	20	26	26	26

TABLE 18—UNEMPLOYED PERSONS: DURATION OF UNEMPLOYMENT BY STATISTICAL REGION, QUEENSLAND, NOVEMBER 1992

Region	Unemployed			Median duration of unemployment weeks
	Under 13 weeks '000	13 weeks and over '000	Total '000	
MALES				
<i>Brisbane</i>	12.7	28.8	41.5	30
Brisbane City Inner Ring	3.1	5.9	9.0	* 33
Brisbane City Outer Ring	2.8	6.5	9.3	* 37
South and East BSD Balance	4.0	7.1	11.1	19
North and West BSD Balance	* 2.8	9.3	12.1	31
<i>Balance of Queensland</i>	18.8	33.0	51.8	31
South and East Moreton	3.2	7.8	11.0	34
North and West Moreton	3.4	4.7	8.1	* 22
Wide Bay-Burnett	2.4	5.1	7.5	* 32
Darling Downs and South-West	2.4	5.0	7.4	* 31
Mackay, Fitzroy and Central-West	* 1.6	3.7	5.3	* 38
Northern and North-West	2.6	4.3	6.9	* 37
Far North	3.2	2.4	5.6	* 8
<i>Queensland</i>	31.5	61.8	93.3	30
FEMALES				
<i>Brisbane</i>	10.5	15.2	25.7	19
Brisbane City Inner Ring	3.6	3.7	7.2	* 14
Brisbane City Outer Ring	2.6	2.0	4.6	* 4
South and East BSD Balance	* 2.0	4.3	6.3	* 30
North and West BSD Balance	* 2.3	5.3	7.7	* 24
<i>Balance of Queensland</i>	11.4	21.6	33.0	26
South and East Moreton	3.4	4.1	7.4	* 13
North and West Moreton	* 0.6	3.8	4.4	* 52
Wide Bay-Burnett	* 1.7	3.1	4.8	* 41
Darling Downs and South-West	0.9	3.3	4.2	* 32
Mackay, Fitzroy and Central-West	* 1.4	3.5	4.9	* 52
Northern and North-West	1.8	1.8	3.6	* 8
Far North	1.6	2.0	3.6	* 17
<i>Queensland</i>	22.0	36.8	58.8	26
PERSONS				
<i>Brisbane</i>	23.2	44.1	67.3	26
Brisbane City Inner Ring	6.7	9.5	16.2	18
Brisbane City Outer Ring	5.4	8.5	13.9	28
South and East BSD Balance	6.0	11.4	17.4	22
North and West BSD Balance	5.1	14.6	19.7	31
<i>Balance of Queensland</i>	30.2	54.6	84.8	28
South and East Moreton	6.5	11.9	18.5	26
North and West Moreton	4.0	8.5	12.5	33
Wide Bay-Burnett	4.1	8.2	12.3	32
Darling Downs and South-West	3.4	8.3	11.6	31
Mackay, Fitzroy and Central-West	3.0	7.2	10.2	* 50
Northern and North-West	4.4	6.0	10.4	* 17
Far North	4.8	4.4	9.2	* 12
<i>Queensland</i>	53.4	98.6	152.0	26

TABLE 19—UNEMPLOYED PERSONS AND UNEMPLOYMENT RATES: INDUSTRY AND OCCUPATION OF LAST FULL-TIME JOB, QUEENSLAND

Unemployment category, industry division and occupation group	November 1991		February 1992		May 1992		August 1992		November 1992	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
	'000	%	'000	%	'000	%	'000	%	'000	%
Persons who had worked full-time for 2 weeks or more in the last 2 years	80.3	5.7	92.1	6.5	88.7	6.2	82.4	5.8	82.9	5.7
Industry division										
Agriculture, forestry, fishing and hunting	7.5	7.6	8.4	8.9	6.9	7.5	5.7	6.5	7.6	8.9
Manufacturing	14.8	8.8	17.6	9.7	15.9	8.9	17.3	9.7	17.2	9.2
Construction	10.7	8.7	15.5	13.7	15.2	14.0	10.6	8.8	11.1	8.9
Wholesale and retail trade	18.8	6.0	18.2	5.6	22.4	6.9	16.1	4.9	16.8	5.3
Community services	7.4	2.9	7.6	3.1	6.2	2.4	6.2	2.5	6.3	2.4
Recreation, personal and other services	7.1	5.7	8.6	6.8	7.6	6.1	10.0	8.2	8.9	7.1
Other industries	14.0	4.3	16.3	4.8	14.4	4.3	16.4	4.8	14.9	4.4
Occupation group										
Managers and administrators	* 2.3	* 1.6	3.1	2.2	4.6	3.3	5.2	3.6	3.3	2.4
Professionals	* 2.4	* 1.7	4.4	3.1	* 2.6	* 1.7	3.2	2.2	* 2.6	* 1.7
Para-professionals	3.2	3.7	* 2.6	* 3.3	* 2.5	* 3.0	* 1.5	* 1.8	* 2.3	* 2.9
Tradespersons	14.9	6.9	18.2	8.4	17.2	7.8	18.1	8.1	15.3	7.0
Clerks	7.4	3.5	11.2	4.9	8.9	4.0	7.9	3.5	10.2	4.3
Salespersons and personal service workers	13.2	5.5	12.8	5.2	16.1	6.2	14.5	5.7	13.6	5.2
Plant and machine operators and drivers	8.2	7.6	9.8	9.0	9.9	9.8	6.3	6.0	7.2	7.0
Labourers and related workers	28.6	11.4	30.0	11.7	26.8	10.6	25.7	10.4	28.2	11.3
Reason for ceasing last full-time job										
Job loser										
Laid off, retrenched	38.8	..	45.1	..	41.2	..	37.2	..	36.3	..
Other	19.9	..	22.3	..	23.1	..	18.3	..	19.3	..
Job leaver	21.6	..	24.7	..	24.4	..	26.9	..	27.3	..
Other										
Persons looking for first job	13.0	..	18.2	..	13.8	..	14.8	..	12.9	..
Former workers	32.6	..	55.6	..	49.4	..	44.3	..	53.2	..
Persons stood down	* 2.9	..	4.7	..	5.4	..	* 2.5	..	3.1	..
Total	128.8	8.9	170.6	11.4	157.3	10.6	144.0	9.7	152.0	10.1
Looking for full-time work	109.3	9.8	136.6	11.9	133.9	11.8	120.2	10.6	126.4	11.0
Looking for part-time work	19.4	5.8	34.0	9.8	23.4	6.7	23.8	6.7	25.7	7.2

SPECIAL SURVEYS DATA RELATING TO THE LABOUR FORCE

Although emphasis in the population survey is placed on the regular collection of data on demographic and labour force characteristics, supplementary and special surveys of particular aspects of the labour force are carried out from time to time. The results of these surveys on labour force and related topics are published separately as shown below.

<i>Title of publication</i>	<i>Latest Data</i>	<i>Catalogue No.</i>
<i>Alternative Working Arrangements, Australia</i>	September to November 1986	6341.0
<i>Annual and Long Service Leave Taken, Australia</i>	May 1988 to April 1989	6317.0
<i>Career Paths of Persons With Trade Qualifications, Australia</i>	1989	6243.0
<i>Career Paths of Qualified Nurses, Australia</i>	March to July 1989	6277.0
<i>Child Care, Australia</i>	November 1990	4402.0
<i>Employment Benefits, Australia</i>	July 1991	6334.0
<i>How Workers Get Their Training, Australia</i>	1989	6278.0
<i>1990 Survey of Income and Housing Costs and Amenities</i>	1990	6546.0
<i>Job Search Experience of Unemployed Persons, Australia</i>	July 1992	6222.0
<i>Labour Force Experience, Australia</i>	March 1992	6206.0
<i>Labour Force Status and Educational Attainment, Australia</i>	February 1992	6235.0
<i>Labour Force Status and Other Characteristics of Families</i>	June 1992	6224.0
<i>Labour Force Status and Other Characteristics of Migrants, Australia</i>	September 1990	6250.0
<i>Labour Mobility, Australia</i>	February 1992	6209.0
<i>Multiple Jobholding, Australia</i>	July 1991	6216.0
<i>Participation in Education, Australia</i>	September 1991	6272.0
<i>(Formerly Labour Force Status and Educational Attendance, Australia)</i>		
<i>Persons Employed at Home, Australia</i>	March 1992	6275.0
<i>Persons Not in the Labour Force, Australia</i>	September 1991	6220.0
<i>Persons Who Had Re-entered the Labour Force, Australia</i>	May 1990	6264.0
<i>Persons Who Have Left the Labour Force, Australia</i>	April 1991	6267.0
<i>Retirement and Retirement Intentions, Australia</i>	November 1989	6238.0
<i>Successful and Unsuccessful Job Search Experience, Australia</i>	July 1992	6245.0
<i>Superannuation, Australia</i>	November 1991	6319.0
<i>Trade Union Members, Australia</i>	August 1990	6325.0
<i>Transition From Education to Work, Australia</i>	May 1992	6227.0
<i>Underemployed Workers, Australia</i>	May 1991	6265.0
<i>Weekly Earnings of Employees (Distribution), Australia</i>	July 1991	6310.0

Special tabulations of data from these surveys are available. Please contact Mark Chalmers on (07) 222 6068 for further information.

CUSTOMISED REPORTS

Summary reports at the national, State and regional level can be prepared for any aspect of the labour force required, or on any aspect of employment, earnings or industrial conditions. Please contact Mark Chalmers on (07) 222 6068 for details or write to Australian Bureau of Statistics, GPO Box 9817, Brisbane Q 4001.

RECENT RELEASES OF INTEREST

Successful and Unsuccessful Job Search Experience, July 1992 (6245.0), (\$12.50)

Contains information on persons who had started a wage or salary earning job during the previous 12 months, their method of job attainment, and whether they were out of work prior to starting the job and the details of the job. For persons who had looked for a wage or salary earning job but had not started one, details are given of their job search experience and the type of job they were looking for.

Job Search Experience of Unemployed Persons, Australia, July 1992 (6222.0), (\$12.50)

This publication contains estimates of unemployed persons classified by difficulties in finding work, duration of current period of unemployment, age, whether would move interstate or intrastate if offered a suitable job, birthplace, active steps taken to find work, whether looking for full-time or part-time work, educational attainment, number of spells of looking for work in the previous 12 months.

Transition From Education To Work, Australia, May 1992 (6227.0), (\$12.50)

Information on persons aged 15 to 64 years by whether attended an educational institution, type of attendance and type of educational institution attended in previous year, whether currently attending an educational institution, type of attendance and type of educational institution currently attending, whether left full-time education, type of school last attended, attending and whether completed Year 12 schooling, age, labour force status, highest level of education attained and year in which qualification attained and, for employed leavers, occupation and industry. Apprentices by field of trade and year of apprenticeship.

Labour Force Status and Other Characteristics of Families, Australia, June 1992 (6224.0), (\$12.50)

This publication contains information on family type (e.g. married-couple, one-parent) classified by family size, number of employed and unemployed family members, labour force status of husband/wife/head, birthplace of head, number of dependent children, age of wife/head/dependent children.

Persons Employed At Home, Australia, March 1992 (6275.0) (\$12.50)

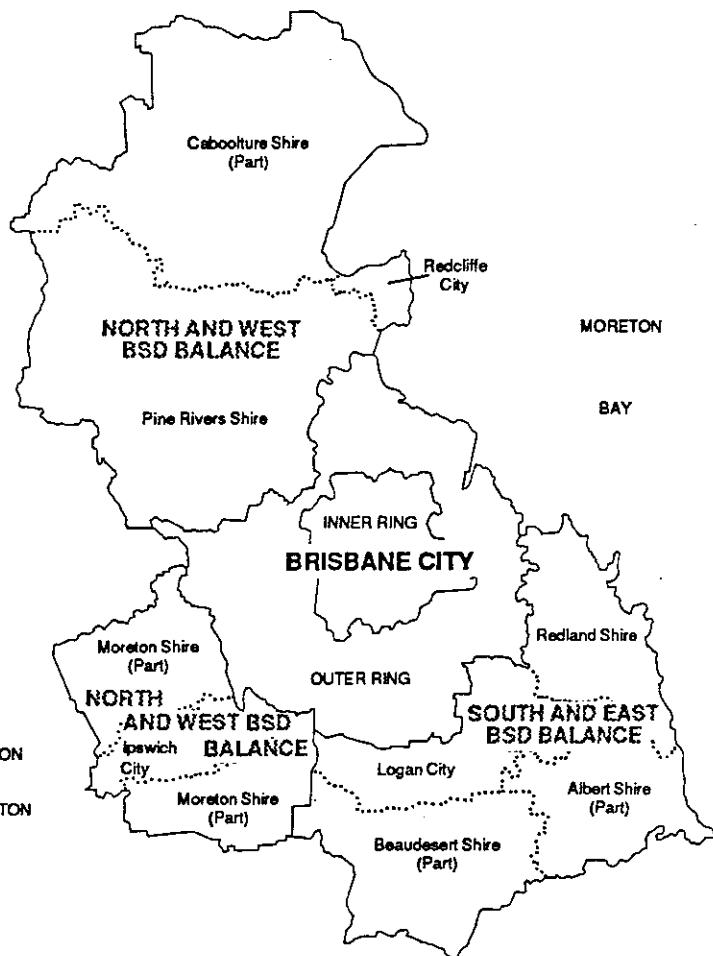
Provides details of persons who usually worked more hours at home than elsewhere in their main or second job or business. Information as to number of hours usually worked at home, reason for working from home, usual gross weekly pay, industry and occupation is included.

Please contact Mark Chalmers, in the Social Analysis Subsection on (07) 222 6068 for further information.

STATISTICAL REGIONS, QUEENSLAND



STATISTICAL REGIONS, BRISBANE STATISTICAL DIVISION



Brisbane City Inner Ring

Albion	Clayfield	Highgate Hill	Red Hill
Alderley	Coorparoo	Holland Park	Sherwood
Annerley	Corinda	Holland Park West	South Brisbane
Ascot	Dutton Park	Indooroopilly	Spring Hill
Ashgrove	East Brisbane	Kangaroo Point	St Lucia
Balmoral	Enoggera (including Military Camp)	Kedron	Stafford
Bardon	Fairfield	Kelvin Grove	Stafford Heights
Bowen Hills	Fortitude Valley - Inner	Lutwyche	Taringa
Bulimba	Fortitude Valley - Remainder	Milton	Tarragindi
Camp Hill	Graceville	Moorooka	Toowong
Cannon Hill	Grange	Morningside	West End
Carina	Greenslopes	New Farm	Wilston
Carina Heights	Hamilton	Newmarket	Windsor
Carindale	Hawthorne	Newstead	Woolloongabba
Chelmer	Hendra	Norman Park	Wooloowin
City - Inner	Herston	Nundah	Yeerongpilly
City - Remainder		Paddington	Yeronga

EXPLANATORY NOTES

The population survey

The survey is based on a multi-stage area sample of private dwellings and non-private dwellings (hotels, motels, etc.) and usually covers approximately three-fifths of 1 per cent of the population of Queensland. The information is obtained from the occupants of selected dwellings by carefully chosen and specially trained interviewers. The interviews are generally conducted during a period of 2 weeks beginning on the Monday between the 6th and 12th of each month. The information obtained relates to the week before the interview (i.e. the reference week).

Scope

2. The labour force survey includes all persons aged 15 years and over except:

- (a) members of the permanent defence forces;
- (b) certain diplomatic personnel of overseas governments, customarily excluded from Census and estimated populations;
- (c) overseas residents in Australia and
- (d) members of non-Australian defence forces (and their dependants) stationed in Australia.

Coverage

3. In the labour force survey, coverage rules are applied which aim to ensure that each person is associated with only one dwelling and hence has only one chance of selection. The coverage rules are, necessarily, a balance between theoretical and operational considerations. Nevertheless, the chance of a person being enumerated at two separate dwellings in the one survey is considered to be negligible.

4. Persons who are away from their usual residence for 6 weeks or less at the time of interview are enumerated at their usual residence when relevant information can be obtained from other usual residents present at the time of the survey.

Supplementary and special surveys

5. Emphasis in the population survey is placed on the regular collection of specific data on demographic and labour force characteristics of the population. However, supplementary and special surveys of particular aspects of the labour force or of other subjects are carried out from time to time. Statistics from these surveys are published and are available on request. A list of survey publications on labour force and related topics is shown on page 22.

Population benchmarks

6. Labour force survey estimates of persons employed, unemployed and not in the labour force are calculated in such a way as to add up to the independently estimated

distribution of the population aged 15 years and over by age and sex. This procedure compensates for under-enumeration in the survey and leads to more reliable estimates. The independent population statistics (benchmarks) are the latest available estimates at the time the labour force survey is conducted, but they usually differ from the official population estimates subsequently published in the quarterly ABS publication *Australian Demographic Statistics* (3101.0) because they are necessarily derived from incomplete information about population changes.

7. Since regular estimates of the population are not available at the regional level, the State benchmarks were used to produce regional estimates. This methodology assumes a common pattern of under-enumeration at the regional level and also ensures that regional estimates add to the State totals.

8. While this procedure can be expected to provide reliable estimates of unemployment and participation rates, it cannot be taken as completely reliable for estimates of numbers involved. For this reason estimates of numbers in each region have not been added to provide an estimate of the total civilian population aged 15 years and over.

Revision of series

9. Survey estimates are not revised for the usually small amendments of population benchmarks arising from new data on deaths and overseas and internal migration. Revisions are made, however, after each census of population and housing and when population estimation bases are reviewed. These revisions affect unadjusted, seasonally adjusted and trend estimates. The last such revision was made in February 1989 to take account of the results of the 1986 Census of Population and Housing. This affected all the monthly estimates from January 1984 to January 1989.

10. From September 1987, regional estimates were based on statistical regions. Prior to September 1987, estimates were based on differently composed dissemination regions.

11. The estimates shown in this publication are based entirely on place of usual residence. Prior to October 1982, the estimates are based on a combination of place of enumeration and place of usual residence.

12. Until February 1978, surveys were conducted in February, May, August and November each year from 1964. From February 1978 the survey has been conducted on a monthly basis.

13. The questionnaire used in the survey for the collection of labour force data has been revised a number of times. Details of these changes have been published in *Information Paper: Questionnaires Used in the Labour Force Survey* (6232.0) in March 1978, December 1981, August 1984, June 1986 and June 1991.

EXPLANATORY NOTES—*continued***Comparability of series**

14. As noted in paragraph 9, estimates from January 1984 have been revised to conform to revised population estimates following the 1986 Census of Population and Housing and are thus not strictly comparable with estimates for periods prior to January 1984 which have not been revised.

15. Regional estimates were based on statistical regions from September 1987. They are not comparable to estimates prior to that date which were based on differently composed dissemination regions.

16. Comparability with estimates produced from the quarterly survey of employment and earnings is affected by the use of a different survey methodology and definitions. The labour force survey provides estimates of people in jobs whereas the survey of employment and earnings provides an estimate of the number of jobs held by wage and salary earners. A more detailed description of the differences between these two series is provided in *Information Paper: Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings* (6263.0).

Reliability of estimates

17. Estimates in this publication are subject to two sources of error.

(a) *Sampling error.* Since the estimates are based on information obtained from occupants of a sample of dwellings they, and the movements derived from them, may differ from the figures that would have been produced if all dwellings had been included in the survey. More information on this topic is given in the Technical Notes.

(b) *Non-sampling error.* Inaccuracies may occur because of imperfections in reporting by respondents and interviewers and errors made in coding and processing data. These inaccuracies may occur in any enumeration, whether it be a full count or a sample. Every effort is made to reduce the non-sampling error to a minimum by careful design of questionnaires, intensive training and supervision of interviewers and efficient operating procedures.

Survey sample redesign

18. The labour force survey sample has been redesigned and reselected using information collected in the 1991 Census of Population and Housing. The new sample is being phased in over the period September to December 1992. For details, see *Information Paper: Labour Force Survey—Sample Design* (6269.0).

19. For the most part, one quarter of the new sample will be introduced each month so that, by December 1992, the entire new sample will be in place. Replacement will occur generally at the rotation group level with two groups being

substituted each month. Such a pattern of implementation means that any changes to labour force estimates due to differences between the two samples, or any other influences, will spread over 4 months rather than being concentrated in one inter-month period.

20. This phase-in scheme will apply to the private dwelling sample in urban areas. The new sample for non-private dwellings and private dwellings in rural areas has been introduced in a single stage in November 1992.

21. The sampling fraction differs for States and Territories to enable estimates of reasonable accuracy to be produced at State level as well as for Australia. The sampling fraction for Queensland is 1 in 195.

Potential effects on labour force survey estimates

22. Implications for estimates produced from the LFS due to sample redesign and its implementation are as follows:

(a) the sampling error in Queensland will increase overall initially by about 8 per cent over the current level but will decline gradually during the life of the new sample. There will also be higher standard errors for the estimates of month-to-month movements produced over the period September 1992 to December 1992 compared with those for the corresponding series produced prior to this period and from January 1993 onwards. *Overall, these are estimated to be up to 20 per cent higher than the normal standard errors on monthly movements.*

(b) analysis has shown that the unemployment rate is marginally higher (less than 0.5 percentage points) for those persons in sample for the first time. Normally, this will not affect the overall estimates of month-to-month movements because the number of persons in sample does not change significantly. However, during the transition period, there will be twice as many as usual in sample for the first time. This may cause a small upward movement (of less than 0.1 percentage points) in the unemployment rate from August 1992 to September 1992 and a compensating decrease from December 1992 to January 1993.

Changes to regions

23. The following changes to the existing Queensland labour force dissemination regions take effect from September 1992:

The Brisbane Major Statistical Region has been expanded to include all of the Shire of Pine Rivers and additional parts of the Shires of Caboolture, Beaudesert, Moreton and Albert. 'South and East BSD Balance Statistical Region' and 'North and West BSD Balance Statistical Region' have been enlarged with corresponding reductions to 'South and East Moreton Statistical Region' and 'North and West Moreton Statistical Region'.

EXPLANATORY NOTES—*continued***Seasonal adjustment**

24. Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from the series so that the effect of other influences on the series can be more clearly recognised. Seasonal adjustment does not remove the irregular or non-seasonal influences which may be present in any particular month. Influences that are volatile can still make it difficult to interpret the movement of the series even after adjustment for seasonal variation. Seasonal factors are reviewed annually to take account of each additional year of original data.

Trend estimation

25. Smoothed seasonally adjusted series produce a measure of trend by reducing the impact of the irregular component of the series. The trend estimates are derived by applying a 13-term Henderson-weighted moving average to the respective seasonally adjusted series. These trend series are used to analyse the underlying behaviour of the series over time.

26. While this smoothing technique enables estimates to be produced which include the latest month, it does result in revisions to the most recent months as additional observations become available. Generally, subsequent revisions become smaller and after 3 months have a negligible impact on the series. There will also be revisions as a result of the annual review of seasonal factors.

Month-to-month movements

27. Care should be taken in the interpretation of month-to-month movements in labour force survey estimates as they are subject to sampling and non-sampling variability as explained in paragraph 17.

Related publications

28. Users may also wish to refer to the following publications which are available on request:

The Labour Force, Australia, Preliminary (6202.0) – Monthly (\$10.50)
The Labour Force, Australia (6203.0) – Monthly (\$16.00)
The Labour Force, Australia (6204.0) – Latest issue: 1978 to 1989

Monthly Summary of Statistics (1304.3) – Monthly (\$9.70)

Economic Indicators (1307.3) – Monthly (\$6.60)

Information Paper: Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings (6263.0) – Latest issue: July 1985

Information Paper: A Guide to Smoothing Time Series — Estimates of 'Trend' (1316.0) – Latest issue: 1987

Information Paper: Time Series Decomposition — an Overview (1317.0) – Latest issue: 1987

Information Paper: Labour Force Survey — Sample Design (6269.0) – Latest issue: September 1992

Information Paper: Labour Force Survey — Measuring Teenage Unemployment (6270.0) – Latest issue: October 1987

Information Paper: Measuring Employment and Unemployment (6279.0) – New issue: August 1991

Information Paper: Regional Labour Force Statistics (6262.0) – Latest issue: September 1992

29. Current publications produced by the ABS are listed in the *Catalogue of Publications and Products* (1101.0). The ABS also issues the *Publications Advice* (1105.0) on Tuesdays and Fridays which lists publications to be released in the next few days. Both the Catalogue and the *Publications Advice* are available from any ABS office.

Unpublished statistics

30. As well as the statistics included in this and related publications, the ABS may have other relevant unpublished data available. Inquiries should be made to the contact shown at the front of this publication.

Symbols and other usages

.. not applicable
 * subject to sampling variability too high for most practical purposes; See paragraphs 8 and 9 in the Technical Notes

31. Where figures have been rounded, discrepancies may occur between totals and the sums of the component items.

TECHNICAL NOTES

Estimation procedure

The labour force estimates are derived from the monthly population survey by use of a complex ratio estimation procedure, which ensures that the survey estimates conform to an independently estimated distribution of the population by age and sex, rather than to the age and sex distribution within the sample itself. This procedure compensates for under-enumeration in the survey and leads to more reliable estimates.

2. Since regular estimates of the population are not available at the regional level, the State benchmarks were used to produce regional estimates. This methodology assumes a common pattern of under-enumeration at the regional level and also ensures that regional estimates add to the State totals.

Data quality

3. Two types of error are possible in an estimate based on a sample survey: sampling error and non-sampling error. *Non-sampling error* is explained in the Explanatory Notes, paragraph 17(b). The *sampling error* is a measure of the variability that occurs by chance because a sample, rather than the entire population, is surveyed.

Standard error of estimates

4. One measure of the variability of estimates which occurs as a result of surveying only a sample of the population is the *standard error* (SE).

5. There are about two chances in three that a sample estimate will differ by less than one standard error from the figure that would have been obtained if all dwellings had been included and about 19 chances in 20 that the difference will be less than two standard errors.

6. The standard error of an estimate can be obtained from Table A. Linear interpolation should be used to calculate the standard error of estimates falling between the sizes of estimates listed in the table (see example following Table A).

7. Standard errors for some estimates, e.g. unemployment, can vary from those shown in the tables.

Methods for calculating the standard errors of these estimates are shown in the table below.

Relative standard error

8. Another measure of sampling variability is the *relative standard error* (RSE). This is obtained by expressing the standard error as a percentage of the estimate to which it refers. The relative standard error is a useful measure in that it provides an immediate indication of the percentage errors likely to have occurred due to sampling and thus avoids the need to refer also to the size of the estimate.

9. In the tables in this publication, only estimates with relative standard errors of 25 per cent or less, and percentages based on such estimates, are considered sufficiently reliable for most purposes. However, estimates and percentages with larger relative standard errors have been included and are preceded by an asterisk (e.g. * 3.0) to indicate they are subject to high standard errors and should be used with caution. Small estimates are subject to such high standard errors (relative to the size of the estimate) as to detract seriously from their value for most reasonable use.

Standard error of movement

10. The movement in the level of an estimate is also subject to sampling variability. The standard error of the movement depends on the levels of the estimates from which the movement is obtained rather than the size of the movement. Standard errors of monthly movements are given in Table B. These estimates apply only to estimates of movements between two consecutive months.

11. Movements between corresponding months of consecutive quarters, i.e. *quarterly movements*, can be obtained by multiplying the figure in Table B by 1.11. Standard errors of movements between corresponding months of consecutive years, i.e. *annual movements*, can be obtained by multiplying the figures in Table A by 1.3. When using Tables A or B to calculate standard errors of movements, refer to the larger of the two estimates from which the movement is derived.

METHODS FOR CALCULATING THE STANDARD ERRORS FOR SELECTED ESTIMATES

Measure of reliability to be determined	Method
Standard errors of estimates of employed persons.	Determine the SE from Table A directly.
Standard errors of estimates of unemployed persons.	Multiply the SE from Table A by 0.97.
Standard errors of estimates of persons not in the labour force.	Multiply the SE from Table A by 1.06.
Standard errors of rates (e.g. the unemployment rate which is based on the number of unemployed persons expressed as a percentage of the number of persons in the labour force).	Determine the RSE of the numerator (x) and the denominator (y) then apply the following formula.
Standard error of average hours worked.	$\text{RSE } (x/y) = \sqrt{[\text{RSE}(x)]^2 - [\text{RSE}(y)]^2}$ Determine the RSE for the number of persons on which the average is based and multiply this by 0.7.
Standard error of median duration of unemployment.	Determine the RSE for the number of persons on which the median is based and multiply this by 2.0.
Standard error of monthly movements.	Using Table B, look up the SE of the larger estimate.
Standard error of quarterly movements.	Determine the standard error of the larger estimate (using Table A) and multiply this by 1.11.
Standard error of annual movements.	Determine the standard error of the larger estimate (using Table A) and multiply this by 1.3.

TECHNICAL NOTES — *continued*

TABLE A — STANDARD ERRORS OF ESTIMATES FOR STATISTICAL REGIONS AND QUEENSLAND

Size of estimate	Queensland; Brisbane (MSR); Balance of Queensland	Brisbane (MSR) Statistical Regions				
		Brisbane City Inner Ring	Brisbane City Outer Ring	South and East Brisbane Statistical Division Balance	North and West Brisbane Statistical Division Balance	
200	No. 210	No. 160	No. 170	No. 170	No. 170	No. 170
300	260	200	210	220	210	210
500	340	260	270	280	280	
700	400	310	320	340	330	
1,000	480	380	390	410	400	
1,500	590	470	480	500	500	
2,000	680	540	560	590	580	
2,500	750	610	630	660	650	
3,000	820	670	690	720	720	
4,000	940	780	800	840	830	
5,000	1,050	880	900	950	940	
7,000	1,200	1,050	1,100	1,150	1,100	
10,000	1,400	1,250	1,300	1,350	1,350	
15,000	1,700	1,550	1,600	1,700	1,650	
20,000	1,950	1,800	1,850	1,950	1,950	
30,000	2,300	2,250	2,300	2,450	2,400	
50,000	2,850	2,950	3,050	3,150	3,150	
70,000	3,250	3,500	3,600	3,800	3,750	
100,000	3,750	4,250	4,350	4,550	4,500	
150,000	4,400	5,200	5,400	5,600	5,600	
200,000	4,950	6,100	6,300	6,600	6,500	
300,000	5,800	7,500	7,700	8,100	8,000	
500,000	7,000	9,900	10,100	10,600	10,500	
1,000,000	8,900	..	..	..	..	..
2,000,000	11,300	..	..	..	..	..

Size of estimate	Balance of Queensland Statistical Regions						
	South and East Moreton	North and West Moreton	Wide Bay- Burnett	Darling Downs and South-West	Mackay, Fitzroy and Central-West	Northern and North-West	Far North
200	No. 160	No. 170	No. 180	No. 180	No. 180	No. 170	No. 190
300	200	220	230	220	220	210	240
500	270	280	300	290	290	270	310
700	320	340	350	340	340	320	370
1,000	380	410	430	410	420	390	440
1,500	470	500	530	510	510	480	550
2,000	550	590	620	600	600	560	640
2,500	620	660	690	670	670	630	720
3,000	680	720	760	740	740	690	790
4,000	790	840	890	860	860	810	920
5,000	890	950	1,000	960	970	910	1,050
7,000	1,050	1,150	1,200	1,150	1,150	1,100	1,250
10,000	1,300	1,350	1,450	1,400	1,400	1,300	1,500
15,000	1,600	1,700	1,750	1,700	1,700	1,600	1,850
20,000	1,850	1,950	2,050	2,000	2,000	1,900	2,150
30,000	2,300	2,400	2,550	2,450	2,500	2,350	2,650
50,000	3,000	3,150	3,350	3,250	3,250	3,050	3,450
70,000	3,550	3,800	4,000	3,850	3,850	3,650	4,100
100,000	4,300	4,550	4,800	4,650	4,650	4,350	4,950
200,000	6,200	6,600	6,900	6,700	6,700	6,300	7,100
300,000	7,600	8,100	8,500	8,300	8,300	7,800	8,800
500,000	10,000	10,600	11,200	10,800	10,800	10,200	11,500

GLOSSARY – *continued*

Participation rate. For any group, the labour force expressed as a percentage of the civilian population aged 15 years and over in the same group. Participation rates for persons classified by birthplace are calculated using population estimates which exclude those in institutions. Participation rates for persons classified by school or tertiary educational institution attendance are calculated using population estimates which include those in institutions.

Part-time workers. Employed persons who usually worked less than 35 hours a week and who did so during the reference week.

Seasonally adjusted series. A time series of estimates with the estimated effects of normal seasonal variation removed. See paragraph 24 of the Explanatory Notes for more detail.

Statistical regions. Classified according to the *Australian Standard Geographical Classification (ASGC), Edition 2.1* (1216.0).

Status of worker. Employed persons classified by whether they were employers, self-employed persons, wage and salary earners (employees), or unpaid family helpers.

Trend series. A smoothed seasonally adjusted series of estimates. See paragraphs 25 and 26 of the Explanatory Notes for more detail.

Unemployed. Persons aged 15 years and over who were not employed during the reference week and:

- (a) had actively looked for full-time or part-time work at any time in the 4 weeks up to the end of the reference week and:

- (i) were available for work in the reference week or would have been available except for temporary illness (i.e. lasting for less than 4 weeks to the end of the reference week);

- (ii) were waiting to start a new job within 4 weeks from the end of the reference week and would have started in the reference week if the job had been available then or

- (b) were waiting to be called back to a full-time or part-time job from which they had been stood down without pay for less than 4 weeks up to the end of the reference week (including the whole of the reference week) for reasons others than bad weather or plant breakdown.

Unemployed persons classified by industry and occupation. Unemployed persons who had worked full-time for 2 weeks or more in the last 2 years are classified according to the industry and occupation of their most recent full-time job.

Unemployed looking for full-time work. Unemployed persons who actively looked for full-time work or were to resume a full-time job, from which they had been stood down.

Unemployed looking for part-time work. Unemployed persons who had actively looked for part-time work only or were to resume a part-time job, from which they had been stood down.

Unemployment rate. For any group, the number of unemployed persons expressed as a percentage of the labour force in the same group.

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